St. Louis County (HW) - 34 f

McDonnell Douglas Corporation-Tract I

(The Beauty Co.)

APR 24 1998

FIGRA PERMITTING & COMPLIANCE EPLANCY

ENFORCEMENT ACTION REQUESTE CEIVE Division of Environmental Quality

DATE:

March 23, 1998

HAZARDOUS WASTE PROGRAM

TO:

Lyle Crocker, Enforcement, Hazardous Waste Program OURI DEPARIMENT OF

NATURAL RESOURCES

FROM:

Mike Struckhoff, Unit Chief-Hazardous Waste, St. Louis Regional Office

The St. Louis Regional Office is requesting enforcement action by the Hazardous Waste Program on McDonnell Douglas Corporation-Tract I, located at Lindbergh and McDonnell Boulevard in St. Louis County. The facility is a manufacturer of military aircraft and is a large quantity generator of hazardous waste (MOD000818963/001001). The facility is also permitted to store certain hazardous wastes for over 90 days and to receive hazardous waste from offsite McDonnell Douglas Corporation facilities (Permit #MOD 000 818 963).

1. Brief description of violation:

Storage of hazardous waste over 90 days/operating as TSD without permit (5 counts); Open containers of hazardous waste (6 counts); Open satellite containers of hazardous waste (3 counts); Failure to determine if waste is hazardous; Failure to provide annual hazardous waste refresher training; Failure to number manifests consecutively; (other violations listed in report/NOV).

2. The violations that are documented by the file are as follows:

40 CFR 262.34(a)/260.390(1) RSMo

40 CFR 262.11

260.390(1) RSMo

40 CFR 264.16(c)

40 CFR 265.173(a)

10 CSR 25-5.262(2)(B)2.A.

3. To settle this issue, it is requested that the following action be taken:

Take enforcement necessary to bring the facility into compliance with the Missouri Hazardous Waste Management Law and Regulations. Consider whether monetary penalties are

warranted.

Attachments:

File Summary

_File Copy

Recommendations

X Other <u>Inspection Report</u>

c: Mr. Dan Schuette, Deputy Director, DEQ Ms. Kathy Flippin, HWP-Enforcement



St. Louis County (HW)
McDonnell Douglas Corp.
(Tract I)



Mel Carnahan, Governor • Stephen M. Mahfood, Director

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office

10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1038

(314) 822-0101

FAX (314) 822-0943

March 19, 1998

Mr. Joseph Haake, Group Manager Environmental and Hazardous Materials Services The Boeing Company P.O. Box 516 MS S111-1099 St. Louis, MO 63166

Dear Mr. Haake:

Letter of Warning #98-SL.021

Enclosed is a report of an inspection conducted at McDonnell Douglas Corporation-Tract I by Mr. Joe Trunko of my staff. The section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection and outlines steps the inspector has determined will correct those violations.

We have received your response, dated March 16, 1998, to Notice of Violation (NOV) #5099. This NOV was issued for violations noted during the inspection. A review of the response indicated that additional information must be submitted concerning unsatisfactory features 1, 2, 9, 12, 15, 16, and 17 (as numbered in the inspection report). Please note that unsatisfactory features 16 and 17 are additional violations determined after the site inspection and were not included on the NOV.

Specifically, the Missouri Department of Natural Resources (MDNR) requests that the following information be submitted:

1. The response to unsatisfactory feature 1 states that a program to inspect and clean the out-of-service dumpsters will be initiated immediately. Please provide a written description of this program.

Actions must be taken to insure that all waste in the dumpsters is removed when the dumpsters are emptied into the compactor rolloffs. The training program must be updated to insure that all employees handling the dumpsters are aware of this. A copy of the updated training program must be submitted.

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- 2. After further review, the MDNR has determined that the 2-cubic yard dumpsters do not meet the definition of a closed container when the lids are closed. Information concerning how McDonnell Douglas Corporation will address this matter must be provided. See unsatisfactory feature 2 in the report.
- 9. Provide copies of the work orders that were placed to clean and repaint the containment floor surfaces of the Building 40 and 51 storage shelters.
- 12. All employees who have not received annual refresher training (as identified during the inspection) must be trained. Documentation that these employees have received this training must be submitted to the Department.
- 15. Provide waste analysis data (Toxicity Characteristic Leaching Procedure for Chromium) for the water that had accumulated in the 2-cubic yard hazardous waste storage dumpsters.
- 16. See unsatisfactory feature 16 in the inspection report and provide a response.
- 17. See unsatisfactory feature 17 in the inspection report and provide a response.

By April 20, 1998, a response must be submitted that addresses the items described above. Please submit the response to the attention of Ms. Kathy Flippin, Chief, Hazardous Waste Enforcement Unit, Hazardous Waste Program, P.O. Box 176, Jefferson City, MO 65102. A copy of your response should also be sent to the attention of Mr. Joe Trunko at this office.

This matter has been referred to the Hazardous Waste Program. Questions concerning the inspection, NOV, or facility response should be directed to Ms. Kathy Flippin at (573) 751-3176.

Sincerely,

ST. LOUIS REGIONAL OFFICE

12 PES

Robert S. P. Eck Regional Director

RSPE/JLT/dr

Enclosures

c: Ms. Kathy Flippin, HWP - Enforcement

RESOURCE CONSERVATION AND RECOVERY ACT AND

MISSOURI HAZARDOUS WASTE MANAGEMENT LAW COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY

McDonnell Douglas Corporation Tract I Lindbergh and McDonnell Blvd. St. Louis, MO 63166 (314) 232-6941 EPA ID#: MOD000818963 MO Generator ID#: 001001 Permit #: MOD 000 818 963 Resource Recovery #: 0268-A MO Transporter ID#: H-1039

PARTICIPANTS

Missouri Department of Natural Resources (MDNR)

Joseph L. Trunko & Mike Struckhoff Environmental Specialists

McDonnell Douglas Corporation

Joseph Haake, Group Manager Environmental & Hazardous Materials Services

Bryan Kury, Manager
Environmental & Hazardous
Material Services

Odell McCollough Environmental & Hazardous Material Services

INTRODUCTION

On February 26, February 27, and March 2, 1998, an inspection was conducted at McDonnell Douglas Corporation-Tract I (MCDC) located in St. Louis County, Missouri. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Hazardous Waste Management Law (1977) as amended. The inspection was confined to facets of the facility operation related to hazardous waste management.

During the closing meeting on March 2, Notice of Violation #5099 (Attachment 1) was issued to MCDC for violations observed during the inspection.

FACILITY DESCRIPTION

MCDC is a manufacturer of military aircraft. Operations at the facility include chemical processing (conversion coating, etching, pickling, and electroplating), machining of parts, composite manufacturing, parts degreasing and painting, aircraft assembly and painting, aircraft testing (flight ramps), industrial wastewater pretreatment, and a boiler house.

MCDC operates 5 days per week, 24 hours per day, 3 shifts per day. A site map of the facility is attached (Attachment 2).

MCDC is a large quantity generator of hazardous waste. Numerous waste streams are generated. However, the largest waste streams include corrosive waste, emulsified cutting oil, paint solids, solvent and paint waste, and wastewater treatment sludge. A summary of the hazardous waste streams generated at this facility and a Generator's Hazardous Waste Summary Report for the quarter ending September 1997 are attached (Attachments 3 & 4).

A new RCRA permit for the storage of hazardous waste for greater than 90 days was issued to MCDC on March 5, 1997 (expiration date March 5, 2007). MCDC was purchased by The Boeing Company in August, 1997. However, MCDC still exists as a company wholly owned by Boeing. As a result, MCDC has retained its name in the RCRA permit.

Waste generated from on-site as well as waste from off-site facilities is stored. Only waste from other MCDC facilities can be accepted from off-site. The waste accepted from off-site is similar to that described above. Hazardous waste is transported to Tract I by MCDC (Missouri Transporter ID #H-1039). A Facility Summary Report for the quarter ending September 1997 is attached (Attachment 5).

MCDC stores on-site generated waste (drum related) at four less-than-90-day storage areas. These areas are located on the east side of Building 2, the north side of Building 48, the south side of Building 51, and north of Building 40, respectively.

Waste solvents and paints are accumulated in satellite drums located at the paint shops in Buildings 2, 27, and 48. Used oil is accumulated in drums at numerous satellite locations (mainly in Buildings 27, 29A, 220, 2, 40, 42, 48, and the flight ramp area). When full, these containers are transferred to one of the less-than-90-day storage areas or directly to the permitted storage area. Used oil is also accumulated in a 375-gallon above ground tank located in Building 5 and in two 250-gallon above ground tanks located on the west side of Building 22.

Solids contaminated with paint and/or solvents (D007 waste) are accumulated in red, 2 cubic yard dumpsters. There are approximately 30-40 of these dumpsters located throughout the facility (mainly at Buildings 27, 220, 29, 2, 45, and 48). When full, these dumpsters are emptied into two compactor roll-offs located at the north side of Building 27 and the north side of Building 48,

respectively. The roll-off containers are transported by Peoria Disposal Company to Waste Technology, Inc., in Liverpool, Ohio, where the waste is incinerated. The roll-offs take approximately one month to fill.

Solids that have been contaminated with solvents or paint are placed in 30-gallon red trash cans located at the immediate work areas. There are approximately 30-40 of these cans located throughout the facility, with the majority being located in Building 2. At the end of each shift, these cans are emptied into the nearest 2-cubic yard dumpster.

The chemical process lines are located in Building 27. When the solution tanks (plating, etch, etc...) need to be cleaned, the contents are pumped directly into a tanker for offsite shipment. There is a continuous flow of water underneath the process lines. Any spills or overflows from the rinse tanks and solution tanks flows into this water, which is then discharged into the industrial sewer system.

MCDC operates an industrial wastewater pretreatment plant at Building 14. Wastewater from the chemical process lines is discharged into the plant. MCDC has a permit from the St. Louis Metropolitan Sewer District (MSD) to discharge the effluent from the plant into the MSD sanitary sewer system.

Wastewater pretreatment sludge (F006/F019) generated in the treatment process is accumulated in a 15-cubic yard roll-off container that is located underneath the filter press in Building 14. This waste is shipped directly off-site by Heritage Transport, Inc., to Heritage Environmental Services, Inc., in Indianapolis, IN. The rolloff takes approximately two months to fill.

Manufacturing equipment (drill presses, lathes, etc...) in Building 27 have sumps that collect waste coolant/emulsified cutting oil. The waste in the sumps is pumped into portable tanks from which it is pumped into a 5,000-gallon above ground storage tank located in the lower level of the Building. This waste is managed as a used oil and is shipped off-site to Superior Oil in Indianapolis, Indiana.

MCDC currently is permitted to store hazardous waste for greater than 90 days in the following unit:

Building 27 Scrap Dock Container Storage Area - Containers of hazardous waste from off-site and from the on-site, less-than-90-day storage areas are stored at this area. Acid, alkali, oil, solvent, and paint sludge hazardous wastes are stored in Area 1. A maximum of 168 fifty-five gallon drums (9,240 gallons) can be stored in the corrosive section of Area 1 and a maximum of 280 fifty-five gallon drums (15,400 gallons) can be stored in the solvent/oil section of Area 1. Cyanide and sulfide hazardous wastes are stored in Area 2, which consists of a prefabricated storage building. A maximum of 28 fifty-five gallon drums (1,540 gallons) can be stored in this area. A staging area for the Container Storage Area has been constructed underneath the Building 39 overhang.

The following hazardous wastes are permitted for storage in the Building 27 Scrap Dock Container Storage Area:

D001-D011, D035, D039, D040, F001, F002, F003, F005-F009, F019

The following storage units were permitted for the storage of hazardous waste under the old permit and are currently undergoing closure or are awaiting closure certification from the Department:

Building 14 Sludge Holding Tank Building 52 Acid Tanks (H12-H14) Building 52 Caustic Tanks (H19/H20) Hush House Waste Tank Ramps 1 & 2 Waste Tank Fuel Pits 3 & 4 Waste Tank

The following storage units under the old permit have been certified closed:

Building 52 Acid Tanks (H1-H6)
Building 6 Waste Oil Tank
F-18 Silencer Waste Tank
Building 27 Scrap Dock Container Storage Area 2 (original area 2)
Building 28 Waste Tank
Building 10 Explosives Storage

The Building 52 Caustic Tanks (H19, H20 - 10,000 gallon) are currently used to store sodium hydroxide solution that MCDC can no longer use. The solution is sent to Reynolds Aluminum in Texas for use in their process. As a result, the sodium hydroxide solution is not considered a solid waste.

The Building 52 Acid Tanks (H12-H14 - 850 gallon) are currently used to store nitric hydrofluoric acid (pickling solution) that MCDC can no longer use. This solution is sent to Jamegy, Inc., in Washington, Missouri, which uses it as an ingredient in their process. As a result, the nitric hydrofluoric acid is not considered a solid waste.

Waste jet fuel generated at this facility is burned as a fuel in the facility's boilers, located in Building 5. As a result, the jet fuel is not considered a solid waste.

MCDC has a Resource Recovery Certification (expires April 29, 1999) for the following operations:

Distillation of spent Methyl Ethyl Ketone (MEK) and Methyl Isobutyl Ketone (MIBK) at the Building 2 paint area. At the time of the inspection, the unit was not being used.

The recovery of perchloroethylene by steam stripping carbon adsorption beds. This process was located in Building 51. MCDC has eliminated the use of this maskant and has replaced it with a water-based maskant. The perchloroethylene recovery unit has been dismantled.

Solid waste generated at the facility is hauled by MCDC to the Westlake Sanitary Landfill. Burnable solid waste is collected in brown, 2-cubic yard dumpsters and is burned in an incinerator located at the MCDC Tract II facility. The incinerator is permitted by the MDNR Solid Waste Management Program and by the St. Louis County Air Pollution Control Program.

MCDC has a State Operating Permit (MO-0004782) from the MDNR for the discharge of storm water and non-contact cooling water. Surface discharges from the MCDC facility eventually flow into Cold Water Creek.

MCDC has a corporate goal to reduce the quantity of hazardous waste generated at this facility by 90 percent over the period 1987 to 2000. Recent waste minimization activities initiated by MCDC include the following:

- * The reduction of the emulsified cutting oil waste stream by evaporating water from the oil. This has been accomplished by heating the storage tank (Building 27).
- * Switching from a Perchloroethylene-based maskant to a water-based maskant.
- * Developing additional training stressing the segregation of hazardous and nonhazardous waste at the generation point.
- * Reducing the number of small accumulation containers for paint/solvent debris.
 - * Switching from using Methyl Ethyl Ketone for paint cleanup to Methyl Propyl Ketone.
 - * Eliminating the use of 1,1,1-Trichloroethylene for cleaning machinery, which in turn has reduced the volume of chlorinated oil generated.
 - * Solvent generated from parts cleaners is being sent to a facility (Crystal Clear) that uses it in the manufacturing of roofing shingles. Consideration is also being made of switching to aqueous cleaners.

Checklists of the inspection are located in Attachment 10.

Photos taken during the inspection are located in Attachment 11.

UNSATISFACTORY FEATURES

- 1. The storage of hazardous waste for greater than 90 days without a permit, in violation of Section 260.390(1) RSMo and 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a) & (b). The following containers were observed during the inspection:
 - A. One 2-cubic yard hazardous waste storage dumpster located on the Building 51 ramp had paint related debris/residue (approximately six inches to one foot) on the bottom. The dumpster was dated 10/7/97 (photo attached).

- B. Eight 2-cubic yard hazardous waste storage dumpsters were observed on the east side of Building 2 (south of the less-than-90 day storage shelter). The dumpsters were not in use and were awaiting repair. Three of the dumpsters were accessible and paint-related debris/residue (approximately six inches) was observed in them. One dumpster was dated 4/1/97 (photo attached). The other two dumpsters could not be moved and the accumulation date could not be determined.
- C. Approximately forty 2-cubic yard hazardous waste storage dumpsters were being stored west of Building 39 (photo attached). The dumpsters were not in use. Many were not accessible. However, approximately six inches of paint-related debris/residue was observed in one of the dumpsters. The dumpster was dated 2/16/97.

The dates on these hazardous waste storage containers indicated that the waste observed had been stored in the containers for greater than 90 days. Even though many of the dumpsters were not in use and/or awaiting repair, the quantity of residue observed in the containers would not justify them being considered "empty containers" as described in 40 CFR 261.7(b).

Hazardous waste must not be stored at the facility for greater than 90 days in areas other than the Building 27 permitted storage area. All waste and residue must be removed from the 2-cubic yard dumpsters when they are emptied into the compactor rolloffs. MCDC must develop a program to insure that the dumpsters are adequately cleaned when they are taken out of service for repair. Documentation that this has been done must be submitted to the MDNR.

- 2. Open containers of hazardous waste, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.173(a). The following open containers were observed during the inspection:
 - A. Three 2-cubic yard hazardous waste storage dumpsters by the Building 2 paint area were overfilled and the lids were not closed (photo attached).
 - B. Two 2-cubic yard hazardous waste storage dumpsters outside of the Building 2 paint mix room were completely open (photo attached). Rain was entering the dumpsters.
 - C. Three 2-cubic yard hazardous waste storage dumpsters were observed on the Building 27 east dock (outside of the paint area). One of the dumpsters was completely open.

All containers of hazardous waste must be closed during the entire onsite storage period, except when waste is being added to or removed from the containers. After further review of the 2-cubic yard hazardous waste storage dumpsters, the Department has determined that the lids on these dumpsters do not adequately seal the containers in a way that satisfies the requirements of a closed container.

All 2-cubic yard dumpsters used to store/accumulate hazardous waste must be equipped with lids that adequately seal the top of the dumpster so that rain water is not allowed to enter the dumpsters and emissions from the dumpsters are minimized. The lids should also be latched so that waste can not be spilled should a dumpster be knocked over. Documentation that this has been done must be submitted to the MDNR.

- 3. Open satellite containers of hazardous waste, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(I) referencing 40 CFR 265.173(a). The following open satellite containers were observed during the inspection:
 - A. One 55-gallon drum of waste paint in the Building 2 paint mix area. The drum had a funnel in the bung hole with a hinged lid that was not securely closed. The small bung hole did not have a bung in the hole and was also open.
 - B. One 55-gallon drum of waste paint in the Building 48 large paint area. The drum had a funnel in the bung hole with a hinged lid that was not securely closed.
 - C. One 55-gallon drum of waste paint and one 55-gallon drum of waste Methyl Propyl Ketone in the Building 27 paint area. Both drums had funnels in the bung holes with hinged lids that were not securely closed.

The MDNR considers a drum equipped with a funnel as described above to be an open container. The bung holes on the drums must be closed at all times except when waste is being added to or removed from the drums. A funnel may be used as long as it is equipped with a ball valve or other device that minimizes emissions and would prevent spillage should the drum be knocked over. Documentation that all hazardous waste satellite accumulation containers at MCDC have been properly closed must be submitted to the MDNR.

- 4. Failure to comply with the conditions of the permit, in violation of 40 CFR 270.30(a). A closure cost estimate has not been submitted to the Department. General Permit Condition IX.C requires that a closure cost estimate for the previous year be submitted to the Department by March 1 of each year. This information must be submitted to the MDNR.
- 5. Failure to label used oil tanks, in violation of 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). The two 250-gallon used oil tanks located on the west side of Building 22 were not labeled. All containers and tanks of used oil must be clearly labeled "USED OIL". The tanks were labeled properly at the time of the March 2, 1998, inspection visit.
- 6. Failure to post "NO SMOKING" signs, in violation of 10 CSR 25-5.262(2)(C)2.F(II). "NO SMOKING" signs were not posted at the Building 40 and Building 51 less-than-90 day storage shelters. "NO SMOKING" signs must be conspicuously posted wherever

ignitible waste is stored. These signs should be posted even if there is a no smoking policy in this area of the facility (i.e. general flight ramp area). Documentation that this has been done must be submitted to the MDNR.

7. Failure to conduct adequate inspections of areas subject to spills, in violation of 10 CSR 25-5.262(2)(C)2.C(II) referencing 40 CFR 265.174. Spilled F006/F019 hazardous waste filter cake (approximately 5 gallons of square inch size pieces) was observed on the concrete floor next to the rolloff container in Building 14 (photo attached). The rolloff was empty. A review of the inspection log for the storage area indicated that the rolloff had been inspected by MCDC personnel the morning of the inspection. The inspection log noted that there was no spilled waste.

Efforts must be made to insure that adequate inspections are conducted of all storage areas and that all areas on the inspection checklist are checked. Inspections should be conducted of all loading and unloading areas when in use. Any filter cake that is spilled must be cleaned up immediately after each use of the filter press. Documentation that this has been done must be submitted to the MDNR.

8. Failure to obtain approval for a change in the resource recovery operation, in violation of 10 CSR 25-9.020(3)(E)1. The Building 51 Perchloroethylene steam stripping process had been dismantled and was no longer operational. MCDC did not notify the Department of the closure of this resource recovery unit.

MCDC must submit a written notification to the MDNR describing the modification to the resource recovery process. The notification must include a plan that addresses disposition of the unit and any hazardous waste associated with it.

A notification of closure of the unit was submitted to the MDNR on March 4, 1998.

- 9. Failure to remedy deterioration of equipment/structures, in violation of 10 CSR 25-5.262(2)(C)2.C(III). The floors of the Building 40 and Building 51 less-than-90 day storage shelters were corroded and rusty (photo attached). However, no leaks were observed. Generators must remedy any deterioration or malfunction of equipment or structures to ensure that the problem does not lead to an environmental or human health hazard. The floors of the storage shelters must be cleaned and resealed periodically so as to minimize the possibility of a release of hazardous waste due to failure of the floor. Documentation that this has been done must be submitted to the MDNR.
- 10. Failure to submit Generator Summary Report, in violation of 10 CSR 25-5.262(2)(D)1.E A generator summary report for the quarter ending December 1997 had not been submitted to the Department. Generator Summary Reports must be submitted to the Hazardous Waste Program within 45 days of the end of each quarter. A report for the fourth quarter of 1997 must be submitted to the MDNR.

11. Failure to number manifests consecutively, in violation of 10 CSR 25-5.262(2)(B)2.A. A review of the manifests indicated that the following manifests were not numbered consecutively:

#3258 (dated 1/3/97) #3468 (dated 11/4/97) #3233 (dated 1/14/97) #3460 (dated 11/5/97)

#3253 (dated 1/21/97)

(copies of these manifests are included in Attachment 6)

All shipments of hazardous waste from the facility must be assigned a consecutive number that is recorded on the manifest. Documentation that this has been done must be submitted to the MDNR.

12. Failure to provide annual refresher training, in violation of 10 CSR 25-7.264(1) incorporating 40 CFR 264.16(c). The training record of one employee, Mr. Robert Hoss (painter in Building 48 paint area), was checked. A review of the training record indicated that Mr. Hoss had not received annual hazardous waste refresher training since January 5, 1995 (Attachment 7). A list of all employees who had not received annual refresher training concerning hazardous waste management during 1997 was requested (Attachment 7). The list that was provided indicated that numerous employees had not received any refresher training in 1997 specific to hazardous waste management.

All employees involved with hazardous waste management and handling must receive refresher training on an annual basis. MCDC must improve the current training tracking system to insure that all employees in need of training are identified and that they receive the training on an annual basis. Documentation that this has been done must be submitted to the MDNR.

13. Failure to conduct adequate inspections of the permitted storage area, in violation of 10 CSR 25-7.264(2)(B) incorporating 40 CFR 264.15(a). Water was observed in the sumps located in the Building 27 container storage area. The storage area had been inspected by MCDC personnel the morning of the inspection. A review of the inspection log indicated that the section titled "sumps empty" had been checked satisfactory (Attachment 8).

MCDC must insure that all areas designated for inspection on the checklist are adequately checked and that any deficiencies are noted. A description of the actions taken to correct the deficiencies must also be included. Documentation that this has been done must be submitted to the MDNR.

14. Treatment of hazardous waste without a permit, in violation of Section 260.390(1) RSMo. A list of waste that was treated in the facility's industrial wastewater treatment plant since August 1997 was obtained during the inspection (Attachment 9). A review of the list indicated that five containers of D002 hazardous waste were treated in the plant since August 1997. Mr. Haake informed the inspectors that the waste is accumulated in

drums at the generation locations. When full, the drums are taken to the wastewater treatment plant. The contents are either metered into the influent line or are dumped directly into the plant.

Elementary neutralization of D002 waste is only allowed in the following situations:

- A. It is conducted in the actual container/tank that the waste is accumulated in.
- B. The accumulation container/tank is part of a process and is an integral part (connected via piping) to the wastewater treatment plant.

MCDC must cease the treatment of corrosive waste in the industrial wastewater treatment plant. Elementary neutralization of corrosive waste may only be performed as described above. Documentation that this has been done must be submitted to the MDNR. Regulatory determinations concerning the treatment of hazardous waste, elementary neutralization, and the wastewater treatment exemption was faxed to the facility on March 4, 1998.

15. Failure to determine if waste is hazardous, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 252.11. The water that accumulates in the 2-cubic yard hazardous waste storage dumpsters used to store D007 paint-related material is analyzed for pH and flashpoint. If determined not to be hazardous for these characteristics, the water is disposed of in the industrial sewer system for treatment at the industrial wastewater treatment plant.

The waste stored in these dumpsters is disposed of as a D007 hazardous waste. As a result, MCDC must determine if the water in the dumpsters is hazardous for chrome (TCLP) prior to disposal in the industrial sewer system. The water that has accumulated in all the inactive dumpsters awaiting service must also be properly characterized since many of these dumpsters still have paint-related debris/residue in them (see unsatisfactory feature #1). If determined to be a hazardous waste, the water must be shipped offsite for disposal/treatment at a permitted facility. Documentation that this has been done must be submitted to the MDNR.

Efforts must be made to minimize the intrusion of water into these dumpsters. Insuring that these dumpsters are adequately closed (as discussed in unsatisfactory feature #2) should address this issue.

16. Failure to prevent run-on into the containment system, in violation of 10 CSR 25-7.264(2)(I) and 40 CFR 264.175(b)(4). The sump for the containment system in the solvent area of the Building 27 container storage area had water accumulated in it on February 26, 1998. Mr. Haake stated that MCDC believed the water was seeping into the sump from between the asphalt and concrete in the shelter floor. He also stated that facility maintenance had been contacted to try to address the situation and that the hill behind the storage shelter had been regraded to promote better drainage from the area.

All run-on into the containment system (both surface and subsurface) must be prevented, unless there is sufficient excess capacity. MDNR has concerns that the possibility of hazardous waste leaking out of the sump exists since water is flowing into it. The sump must be adequately sealed. A description of the actions taken to address this matter must be submitted to the MDNR.

(This violation was not included on NOV #5099)

17. Failure to determine if containers are exempt from Subpart CC Air Emission Standards, in violation of 40 CFR 264.1082(c)(1) referencing 40 CFR 1083(a)(1). Large quantity generators and treatment, storage, and disposal facilities must determine if a container storing hazardous waste is exempt from the Subpart CC Air Emission Standards. MCDC has not made an adequate determination as to whether the 2-cubic yard dumpsters used to store paint-related debris are exempt from these standards. The dumpsters currently do not meet the level 1 container standards specified in 40 CFR 1086(c).

MCDC must determine if these dumpsters are exempt from Subpart CC. This determination must be in accordance with the procedures described in 40 CFR 1083(a)(1) and (2). Records of the determination (if the waste is determined to be exempt) must be maintained in the facility operating log as required by 40 CFR 1089(f).

In lieu of conducting this determination, MCDC can modify the containers so that they meet the level 1 container standards specified in 40 CFR 264.1086(c). If these container standards are met, the waste determination is not required. However, since these containers are greater than 119 gallons in size, a determination as to whether or not they are in "light material service" must be made and submitted to the MDNR for review. These records must be maintained in the facility operating log.

MCDC must submit to the MDNR a written plan that addresses compliance with the Subpart CC standards.

Hazardous waste stored in a closed DOT drum meets the level 1 container standards. As a result, no Subpart CC determination is required for these containers/waste streams.

(This violation was not included on NOV #5099)

PREPARED BY:

Joseph L. Trunko

Environmental Specialist

APPROVED BY:

Mike Struckhoff, Chief Hazardous Waste Unit

Mile Shoulf

JLT/dr

ATTACHMENT 1



MISSOURI DEPARTMENT OF NATURAL RESOURCES

NOTICE OF VIOLATION PURSUANT TO REQUIREMENTS OF THE MISSOURI HAZARDOUS WASTE MANAGEMENT LAW, RULES AND REGULATIONS

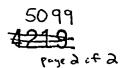
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McDonnell Douglas	orperation - Tre	けて、		_
ADDRESS Lindbergh & Ma Donne 11 Blod.	CITY Hazelw	•	STATE	ZIP CODE 6304み
MISSOURI ID NUMBER		DATE OF INSPECTION	98 / 3 - 2 - 98	• • • • • • • • • • • • • • • • • • •
During an inspection and/or a review of	nformation or docume			
requirements of the Missouri Hazardous Wa 10 CSR 25 the following violations were in	ste Management Law, S	Section 260.350 - 260.550 F	ISMo, and/or the R	ules and Regulations
the Missouri Hazardous Waste Regulations.		The Tegulations ched belo	W Have been ado	pied by reference in
CITATION		DESCRIPTION OF		
40 CFR 262.34(1) (2000 00000000000000000000000000000000		ius wiste > 90 days wit		
40 CFR 365-173 (a)		s of hazardous waste		
40 (FR 270.30(a)	tailue to comply	with conditions of pers	nit (feeling to s	by 3/1 (98
40 (FR 279.32 (C)(1)	Failur to label	used oil tacks	· · ·	
10 (SR 25-5.262(2)(c)2.F(TE)	Failure to po	st - "No smoking"	Signs at HW	storny area
10 (28 32-2:383(4)(C) 3.C. (I)	Failur to co	duct daily insportance	of areas sub	relatospills
10 CSR 35-9.030 (3)(E) 1	Failur to niet	ify DNR of changes (e)	isur) to Rosa	ir Arcivery privess
10 (54 35-5, 363 (3)()2.(61)	_	deterioration of con		£11, 5154D
10(c) 616.2-26.76) [][E		it Generator Summary		
10 (SR 35,5,313 (3) (B) 2. A	Failue to N	umber manifests co	-seculinely.	
This information is provided to call your at not constitute a compliance order issued which may be identified as a result of this in	oursuant to Section 26		t be a complete li	sting of all violations
The owner/operator is hereby requested to actions taken and/or a schedule for complet Waste Program, Department of Natural	ion of necessary correct Resources, P.O. Box	ctive actions to be taken to: 176, Jefferson City, MO	Chief, Enforcement	ption of all corrective nt Section, Hazardous
St. Lan's Regional O	ffice, 10805 Su	inset Office Dr., St. La	WWO 6319,1	
The corrective actions taken within 15 days the assessment of civil penalties, should be		considered in determining	whether enforcen	nent action, including
If you have any questions on this notice or v		ــــــــــــــــــــــــــــــــــــــ	oe Trunko	
at (314) \$ > 3 - 0101 or mike ste	uekhett.	at (344) 823 -	010]	
Signature of Preparer	Jul		Date	1-2-98
The undersigned person hereby acknowled	ges that he/she receive	ed a copy of this Notice an	d has read same.	
SIGNATURE BR. E. Kur.		PRINTED NAME BRYA-	E. Kung	
TITLE MANAGER, Environmental And Materials Services	KAZANdus	3/2/	E. Kung 198	



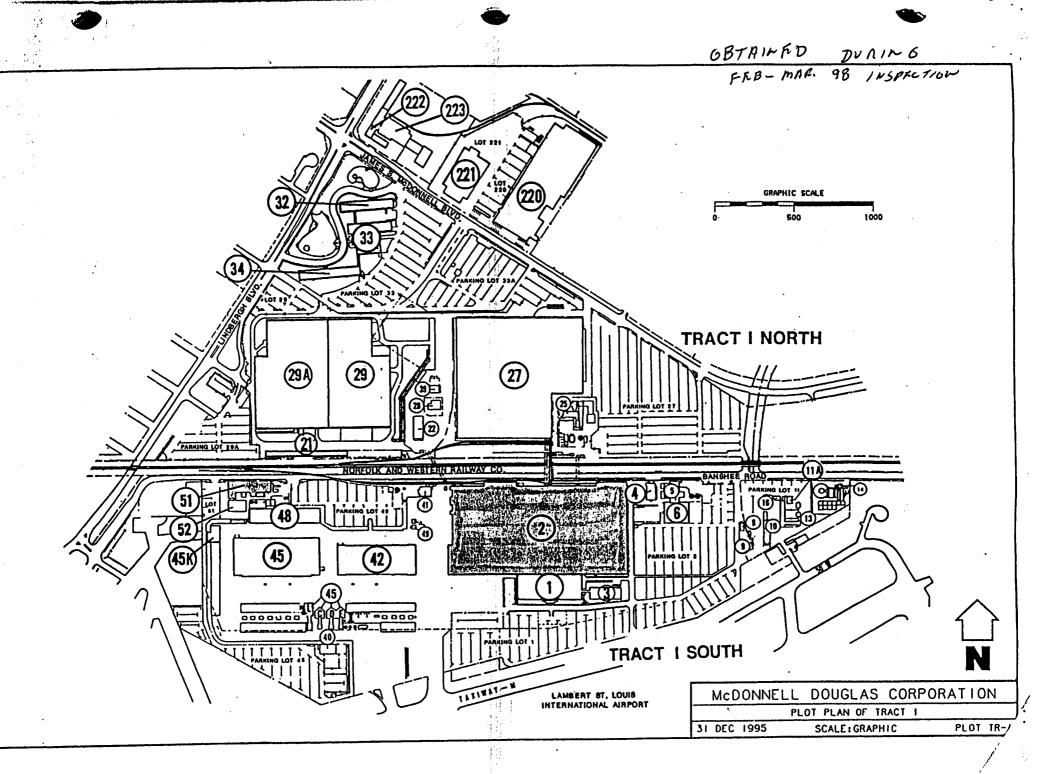
MISSOURI DEPARTMENT OF NATURAL RESOURCES

NOTICE OF VIOLATION PURSUANT TO REQUIREMENTS OF THE MISSOURI HAZARDOUS WASTE MANAGEMENT LAW, RULES AND REGULATIONS



a statem.					
FACILITY NAME Mc Donnell Daylar Co	· · · · · · · · · · · · · · · · · ·	<u>r</u>		•	
ADDRESS	CITY			STATE	1ZIP CODE
Limbergh & McDonnell Blok	Hazelwee	4		mo	63042
		DATE OF INSPECTION	1-26-98	12-14	a 9
OOLOOL During an inspection and/or a review of in	oformation or docume				
requirements of the Missouri Hazardous Was					
10 CSR 25 the following violations were id	-				_
the Missouri Hazardous Waste Regulations. CITATION	· · · · · · · · · · · · · · · · · · ·	DESCRIPTION	OF VIOLATIO)N	_
40 CFR 264 - 16(C)	1	e annual refrisher			
40 CFR 264.15(a)		adequate inspectio			
260.390(1) Rsmo	Operating as a	1 TSD without a	beruit	(storage ? Trust new	t of they in most b)
40 CFR 268-11	Failure to det	ermore if weste 13	hazarlous	5	
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		,5 + 5		-	
		and the second of an area	and provide Management (1) and the second of	Tell of success and second	Hart et a serant delt
This information is provided to call your att not constitute a compliance order issued p which may be identified as a result of this ins. The owner/operator is hereby requested to actions taken and/or a schedule for completic Waste Program, Department of Natural Regional Off. The corrective actions taken within 15 days the assessment of civil penalties, should be in	ursuant to Section 260 spection. submit in writing within on of necessary correct sesources, P.O. Box lice,	0.410, RSMo and may in 15 days of receipt of live actions to be taken 176, Jefferson City, onsidered in determin	of this notice to: Chief, El MO 65102	omplete lis a descrip nforcement with a co	ting of all violations tion of all corrective Section, Hazardous py to the Director,
If you have any questions on this notice or w	ish to discuss your resp	oonse, you may call at	-, i , /		
Signature of Preparer	Ind		Dat	e3-	২-৭৪
The undersigned person hereby acknowledg	es that he/she received	d a copy of this Notice	and has rea	d same.	. •
SIGNATURE E. K.		PRINTED NAME BLY 4	n E. K	uny	
TITLE IMANOGIR, Environmental And H Matrials, Skiving MO780-1119 (3-95) DISTRIBUTION	AZAIdNS		1	1.8	
MO 780-1119 (3-95) DISTRIBUTIO	N: WHITE-FACILITY CANARY	-REGIONAL OFFICE PINK-CEI	NIRAL OFFICE		

ATTACHMENT 2



ATTACHMENT 3

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
	B.27-158B, Tank 51, Plating Area Ammonia Persulfate	RQ, Waste Corrosive Liquids, N.O.S. (Ammonia Persulfate) 8, UN1760, PG II (D002) ERG # 60	D006	Chrome	1.0
003	B.27-158B, Tank 49, Plating Tanks Nitric/Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002/D007) ERG # 60	D006		1.0
003	B.27-162, Tank S-2, Aluminum Line Nitric Acid/Sodium Dichromate	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Chromic Acid) 8, UN1760, PG II (D002) ERG # 60	D007	Lead, Nickel	1.20
008 (a)	B.27-162, Tank 7, Aluminum Line Nitric Acid/Amehem 7/Amchem 17 Replenisher	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Chromic Acid) 8, UN1760, PG II (D002/D007) ERG # 60			1.16
008 (b)	B.27-162, Tank 18, Aluminum Line Nitric Acid/Amehem 7/Amchem 17 Replenisher	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Chromic Acid) 8, UN1760, PG II (D002/D007) ERG # 60		•	1.05
010 (a)	B. 27-158B, Tank 38, Plating Area Sulfuric Acid , Sod. Dichromate	RQ, Waste Sulfuric Acid, Spent 8, UN1832, PG II (D002) ERG # 39	D006/D007_	Selenium	1.10
010 (b)	B.27-162, Tank J, Aluminum Line Sulfuric Acid w/Chrome	RQ, Waste Sulfuric Acid, Spent 8, UN1832, PG II (D002) ERG # 39	D007		1.23
010 (c)	B.27-162, Tank K, Aluminum Line Sulfuric Acid w/ Chrome	RQ, Waste Sulfuric Acid, Spent 8, UN1832, PG II (D002) ERG # 39	D007		1.18
010 (d)	B.27-162, Tank T-5, Titanium Line Sulfuric Acid w/Chrome	RQ, Waste Sulfuric Acid, Spent 8, UN1832, PG II (D002) ERG # 39	D007	Nickel, Lead	1.19
012 (a)	B.27-162, Tank 3, Aluminum Line Nitric/HF Acid	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Hydrofluoric Acid) 8, UN1760, PG II (D002) ERG # 60	D007		1.25
012 (b)	B.27-162, Tank T-8, Titanium Line Nitric/HF Acid	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Hydrofluoric Acid) 8, UN1760, PG II (D002) ERG # 60	D007	Cadmium, Lead, Nickel	1.49
013 (a)	B. 27-158B, Tank 22, Plating Area Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002/D007) ERG # 60	D006	Nickel	1.07
013(b)	B. 27-162, Tank 11, Aluminum Line Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D007) ERG # 60			.97

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
			5000/5000		1.20
013 (c)	B.27-158B, Tank 2, Plating Tanks Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002/D007) ERG # 60	D006/D008		
013 (d <u>)</u>	B.27-158B, Tank 3, Plating Tanks Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002/D007) ERG # 60	D006/D008		1.10
013 (e)	B.27-158B, Tank 4, Plating Area Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002/D007) ERG # 60	D006	Silver, Barium, Nickel	1.18
013 (f)	B.27-162, Tank 5, Aluminum Line Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002/D007) ERG # 60			1.07
013 (g)	B.27-162, Tank 9, Aluminum Line Chromic Acid	RQ, Waste Chromic Acid Solution 8, UN1755, PG II (D002) ERG # 60	D005/D007	•	1.01
016 (a)	B.27-158B, Tank 9, Plating Area Hydrochloric Acid	RQ, Waste Hydrochloric Acid, Solution 8, UN1789, PG II (D002) ERG # 60	D006/D00 <u>7/</u> D008	Nickel	1.10
016 (b)	B.27-158B, Tank 28, Plating Area Hydrochloric Acid	RQ, Waste Hydrochloric Acid, Solution 8, UN1789, PG II (D002) ERG # 60	D006	Chromium	1.03
017	B.27-158B, Tank 15, Plating Area Ammonia Nitrate	Hazardous Waste, Liquid, N.O.S., (Ammonia Nitrate Solution) 9, NA3082, PG III (D006) ERG # 31			1.09
021	B.27-158B, Tank 33, Plating Area Sulfuric/ HF Acids	RQ, Waste Corrosive liquids, N.O.S. (Sulfuric/Hydrofluoric Acid) 8, UN1760, PG III (D002) ERG # 60	D004/D006/ D007	Nickel `	1.22
023 (a)	B. 27-162, Tank S5, Aluminum Line Nitric Acid	RQ, Waste Nitric Acid Solution 8, UN2031, PG II (D002) ERG # 44	D007	Lead	1.49
023 (b)	B.27-158B, Tank 40, Plating Area Nitric Acid	RQ, Waste Nitric Acid Solution 8, UN2031, PG II (D002) ERG # 44	D006/D007/ D008	Nickel	.99
023 (c)	B.27-162, Tank T-9, Titanium Line Nitric Acid	RQ, Waste Nitric Acid Solution 8, UN2031, PG II (D002) ERG # 44	D006/D007	Lead, Nickel	1.26
024 (a)	B.27-158B, Tank 12, Plating Area Sodium Hydroxide w/Chrome	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002/D007/D008) ERG # 60	D006	Nickel	1.09

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
024 (b)	B.27-158B, Tank 14, Aluminum Line Sodium Hydroxide w/Chrome	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60	D006/D007/ D008	N/A	1.3
024 (c)	B.27-158B, Tanks 10 & 30, Plating Area Sodium Hydroxiode w/Chrome	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60	D006/D007/ D008		1.0
024 (d)	B.27-162, Tank T-1, Titanium Line Sodium Hydroxide w/Chrome	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60	D007	Lead, Nickel	1.25
025 (a)	B.27-162, Tank 20, Aluminum Line Sodium Hydroxide Non-Hazardous	Sodium Hydroxide Solution 8, UN1824, PG II ERG # 60			1.01
025 (b)	B.27-162, Tank T-2, Titianium Line Sodium Hydroxide Solution (No Chrome)	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG #		Chrome	1.61
028	B.27-162, Tank M, Aluminum Line Potassium Dichromate	Hazardous Waste, Liquid, N.O.S (Potassium Dichromate Solution) 9, NA3082, PG III (D007) ERG # 31	٠		1.04
029 (a)	B.27-162, Tank 1, Aluminum Line Sodium Tetraborate Non-Hazardous	Waste Caustic Alkali Liquids, N.O.S. (Sodium Tetraborate) 8, UN1719, PG II ERG # 60	D007		1.02
029 (b)	B.27-162, Tank F, Aluminum Line Sodium Tetraborate	Waste Caustic Alkali Liquids, N.O.S. (Sodium Tetraborate) 8, UN1719, PG II ERG # 60		Chrome	1.03
038	Red Dumpster Waste	RQ, Hazardous Waste Solid, N.O.S. (Paint/Solvent Contaminated Material) 9, NA3077, PG III, (D007) ERG # 31	F002/F003/ F005	F002-TCE F003, MIBK, Xylene F005-MEK, Toluene	1.01
041 (a)	Chlorinated Solvents	RQ, Halogenated Irritating Liquids, N.O.S. (Use Specific Chlorinated Solvents) 6.1, UN1610, PGIII, (D040/F002) ERG # 58			1.3
041 (b)	Trichloroethylene (TCE)	RQ, Waste Trichloroethylene 6.1, UN1710, PGIII (D040/F001) Vapor Degreaser (D040/F002) Non-Vapor Degreaser ERG # 74			1.3
042 (a)	Waste Jet Fuel	RQ, Waste Fuel, Aviation, Turbine Engine 3, UN1863, PG II (D001)ERG # 27			.80

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
042 (b)	Jet Fuel Off-Spec	Fuel, Aviation, Turbine Engine 3, UN1863, PGII () ERG # 27	,	,	.80
043	Flammable Solvent/Paint Waste	RQ, Waste Paint Related Material 3, UN1263, PG III (D001/D007) ERG # 26	D035/F002 F003/F005	F002-Methylene Chloride, Trichloroethane F003-Ethyl Acetate, N-Butyll, Alcohol, MIBK, Ethylbenzene, Xylene, Cyclohexanone, Butyl Acetate, Methanol, Acetone F005-MEK, Toluene, Benzene, Isbutyl Alcohol	.99
044 (b)	Used Oil	Used Oil Non-Regulated			. 1.05
045	Flammable/Chlorinated Solvents	RQ, Waste Flammable Liquids, N.O.S. (Flammable/Chlorinated Solvents)3, UN1993, PGII (D001/D007) ERG # 26	D035/D039 D040/F002 F003/F005	F002- Trichloroethane, Trichloroethylene, Methylene Chloride. Chlorobenzene F003-Ethyl Acetate, N-Butyl, Alcohol, MIBK, Ethylbenzene, Xylene, Cyclohexanone, Methanol, Acetone, Ether Ether F005-MEK, Toluene, Isbutyl Alcohol	1.01
047	Chlorinated Oil	Hazardous Waste, Liquid, N.O.S (Oil Contaminated with Chlorinated Solvents) 9, NA3082, PG III, () ERG # 31	D035/D039 D040/F002 F003/F005	F002- Trichloroethane, Trichloroethylene F003- MIBK, Xylene, Cyclohexanone, F005-MEK	.98
053	Acid, Alkaline Spill Clean-up	RQ, Waste Corrosive Solids, N.O.S. (Use Specific Chemical)8, UN1759, PGII (D002) ERG # 60			1.5
056	B.27-158B, Tank 35, Plating Area Ethylene Diamine, Nitric, Sulfonic Acid Solution	Hazardous Waste, Liquid, N.O.S. (Nitric/Sulfonic Acid Solution) 9, NA3082, PG III (D006) ERG # 31		Silver, Chromium, Nickel	1.19
080	Tract I Flammable Lab-Pack	RQ, Waste Flammable Liquids, N.O.S. (Flammable Laboratory Chemicals-Lab Pack) 3, UN1993, PG II, (D001) ERG # 27			
080	Tract I Corrosive Lab-Pack	RQ, Waste Corrosive Liquids, N.O.S. (Corrosive Laboratory Chemicals-Lab Pack) 8, UN1760, PG II, (D002) ERG # 60			
082	B.27-162, Tank T-6, Titanium Line	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Hydrofluoric/Phosphoric Acid) 8, UN1760, PG II, (D002) ERG # 60	D004/D007	Cadmium, Nickel	1.37

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
091	Acid Sludge	RQ, Waste Corrosive Solids, N.O.S. (Use Specific Acid Sludge) 8, UN1759, PG II (D002) ERG # 60	Use Tank Code	(Use tank elements)	1.32
092	Alkaline Sludge	RQ, Waste Corrosive Solids, N.O.S. (Use Specific Alkaline Chemical) 8, UN1759, PG II (D002) ERG # 60	' Use Tank Code		2.10
126	B. 27-158B, Tank 24, Plating Area Sulfuric Nickel/Boric Acid	Waste Nickel Solution Non-hazardous			1.13
026	B.27-158B, Tank 27A, Plating Area Tanks 17, 27A, 46 Sodium Cyanide/Cadmium Solution	RQ, Waste Corrosive Liquid, Poisonous, N.O.S. (Sodium Cyanide) 8, UN2922, PGII (D003/D006) ERG # 59	D007/F007		1.08

Hazardous Waste Streams and Shipping Names Tract I - South & Remotes Sites

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
	B.52, Tank S1 Ammonia Bifluoride Solution	Hazardous Waste, Liquid, N.O.S. (Ammonia Biflouride Solution) 9, NA3082 PG III () ERG # 31	D004	Mercury	1.01
003	B.220, Tank D Nitric Chromic Acid, Passajell	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Chromic Acid) 8, UN1760, PG II (D002, D007) ERG # 60	D008	Nickel	1.17
010	B.220, Tank 5 Sulfuric Acid/Pott. Dichromate (Chrome)	RQ, Waste Sulfuric Acid, Spent 8, UN1832, PG II (D002/D007) ERG # 39	D008	Nickel	1.28
012 (a)	B.52, Tank T-3 Nitric/HF Acid Alumium Desmut	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Hydrofluoric Acid) 8, UN1760, PG II (D002) ERG # 60	D007/D008	Nickel	1.21
012 (b)	B.52, Tank S3 Nitric/HF Acid Titanium Pickle	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Hydrofluoric Acid) 8, UN1760, PG II (D002) ERG # 60	D004/D007/ D008	Cadmium, Nickel	1.32
012 (c)	B.52, Tank S5 Nitric/HF Acid Titanium Pickle	RQ, Waste Corrosive Liquids, N.O.S. (Nitric/Hydrofluoric Acid) 8, UN1760, PG II (D002) ERG # 60	D007/D008	Cadmium, Nickel	1.36
024	B.220, Tank A Turco ARR/Sodium Hydroxide (Contains Chrome)	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60	D007	Silver, Nickel, Lead	1.24
025 (a)	B.2, Level 1, Dept. 126B Sodium Hydroxide Solution (Non- Hazardous)	Sodium Hydroxide Solution 8, UN1824, PG II () ERG #60			1.04
025 (b)	B.72-442E Sodium Hydroxide (No-Chrome)	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60		Chrome, Silver	1.11
029 (a)	B. 220, Tank 2 Turco 4215S Sodium Tetraborate	Hazardous Waste, Liquid, N.O.S. (Sodium Tetraborate) 9, NA 3082, PGIII ERG # 31	D007		1.03
029 (b)	B.245-431-4 Sodium Tetraborate	Non-Hazardous Per Annual			1.08
035 (a)	B.52, Tank T-1 Sodium Hydroxide	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60	D007	Silver, Mercury	1.35
035 (b)	B.52, Tank T-6 Sodium Hydroxide	RQ, Waste Sodium Hydroxide Solution 8, UN1824, PG II (D002) ERG # 60	D007		1.36

Hazardous Waste Streams and Shipping Names Tract I - South & Remotes Sites

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
036	B.14, WWT Plant Wastewater Treatment Sludge	RQ, Hazardous Waste, Solid, N.O.S. (Wastewater Pretreatment Sludge) 9, NA3077, PG III (F006, F019) ERG # 31		Chromium	1.01
037 (a)	B. 2, Level 1, Oil Crib V. S. 653	Used Emulsified Cutting Oil Non-Regulated			1.05
037 (b)	B.276-444 Bio-cool 500	Used Emulsified Cutting Oil Non-Regulated			.99
038	Red Dumpster Waste	RQ, Hazardous Waste, Solid, N.O.S. (Paint/Solvent Contaminated Material) 9, NA3077, PG III, (D007) ERG # 31	F002/F003/ F005	F002- TCE F003- MIBK, Xylene F005- MEK, Toluene	1.01
041	Chlorinated Solvents	RQ, Halogenated Irritating Liquids, N. O.S. (Specific Chemical) 6.1, UN1610, PGIII (D040/F002) ERG # 58			1.3
041	Trichloroethylene (TCE)	RQ, Waste Trichloroethylene 6.1, UN1710, PGIII (D040/F001) Vapor Degreaser (D040/F002) Non-Vapor Degreaser ERG # 74			1.3
042 (a)	Waste Jet Fuel	RQ, Waste Fuel, Aviation, Turbine Engine 3, UN1863, PGII (D001) ERG # 27		St	.80
042 (b)	Jet Fuel Off Spec	Fuel, Aviation, Turbine Engine 3, UN1863, PGII ERG # 27			.80
043	Flammable Solvent/Paint Waste	RQ, Waste Paint Related Material 3, UN1263, PG III (D001/D007) ERG # 26	D035/F002/ F003/F005	F002-Methylene Chlonde, Trichloroethane F003-Ethyl Acetate, N-Butyll, Alcohol, MIBK, Ethylbenzene, Xylene, Cyclohexanone, Butyl Acetate, Methanol, Acetone F005-MEK, Toluene, Benzene, Isbutyl Alcohol	.99
044	Tract I South Used Oil	Non-regulated Used Oil			
045	Flammable/Chlorinated Solvents	RQ, Waste Flammable Liquids, N.O.S. (Flammable, Chlorinated Solvents) 3, UN1993, PGII (D001/D007) ERG # 26	D035/D039/ D040/F002/ F003/F005	F002- Trichloroethane, Trichloroethylene, Methylene Chloride, Chlorobenzene F003-Ethyl Acetate, N-Butyl, Alcohol, MIBK, Ethylbenzene, Xylene, Cyclohexanone, Methanol, Acetone, Ether Ether F005-MEK, Toluene, Isbutyl Alcohol	1.01

Hazardous Waste Streams and Shipping Names Tract I - South & Remotes Sites

MO ID	Product/Tank Usage Area	Proper Shipping Name	Other EPA Codes	HAZ Constituents/ Underlined HAZ Constituents	Specific Gravity
047	Chlorinated Oil	Hazardous Waste, Liquid, N.O. S. (Oil Contaminated with Chlorinated Solvents) 9, NA3082, PGIII, () ERG # 31	D035/D039/ D040/F002/ F003/F005	F002- Trichloroethane, Trichloroethylene F003- MIBK, Ethylbenzene, Xylene, Cyclohexanone, Methanol, Acetone, Ether Ether F005-MEK	.98
053	Acid/Alkaline Spill Clean-Up	RQ, Waste Corrosive Solids, N.O.S. (Use Specific Chemical) 8, UN1759, PGII (D002) ERG # 60			1.5
075	B.220-180 Calcium Hydroxide (System 7 Mold Material)	RQ, Waste Corrosive Liquids, N.O.S. (Calcium Hydroxide) 8, UN1760, PG II (D002) ERG # 60			1.23
080	Corrosive Lab-Pack	RQ, Waste Corrosive Liquids, N.O.S (Corrosive Laboratory Chemicals-Lab Pack) 8, UN1760, PG II, (D002) ERG # 60			
080	Flammable Lab-Pack	RQ, Waste Flammable Liquids, N.O.S., (Flammable Laboratory Chemicals-Lab Pack) 3, UN1993, PG II, (D001) ERG # 27			
095	2 Level 1-126B Formic/Gluconic Acid/HF	RQ, Waste Corrosive Liquids, N.O.S. (Hydrofluoric Acid, Formic Acid) 8, UN1760, PG II, (D002) ERG # 60	. مسيو	Barium, Cadmium, Chrome	1.08
098	B. 276, Dept. 444 V. S. 759	Waste Coolant			.99

ATTACHMENT 4



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(573) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I

DEEADE C	ORVING	EOBM	ATTACH CITE	IDENTIFICATION	LADEL	ΛP	ENTEO.
BEFURE C	DINIT TU.	FURIN,	WINCH SHE	IDENTIFICATION	LADEL	UR.	ENIEK:

GENERATOR'S NAME

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MCDONNELL DOUGLAS CORP TRACT 1
CONTACT JOSEPH HAAKE

MCDONNELL & LINDBERGH BLVD HAZELWOOD, MO 63042

EPA ID# MOD000818963 MO ID# 001001

	M.O.D.O.O.O.				
	NOTE: THE FEDERAL EPA AND TO THE SITE WHERE WASTE IS FOR THE SITE OF GENERATIO	S PRODUCED, YOU M			
NOTE PLEASE READ INSTRUCTIONS AND EITHER PRIN	IT OR TYPE				
SECTION A - REPORT IDENTIFICATION					
1. TYPE OF REPORT (CHECK ONE)	2. FOR THE PERIOD ENDING (PAGE	
QUARTERLY	1 9-3097_ (YEAR)	12-31(Y		1 OF 9	
☐ ANNUAL 6 - 30 (YEAR) ·	☐ 3-31 (YEAR)	G-30(YE	AR)	Ur	
SECTION B - GENERATOR IDENTIFICATION					
NOTE: Any change in either the mailing or site address from previous	ous reports requires rea	notification to th	ne Departm	ent.	
4. GENERATOR'S NAME XX SAME AS LABEL					
McDonnell Douglas Corporation					
5. GENERATOR CONTACT PERSON (NAME) X SAME AS LABEL		TELEPHONE NUMB	EA		
Joseph Haake	• •	(314). 232	-6941		
6. MAILING ADDRESS .	CITY		STATE	ZIP CODE	
P.O. Box 516. Mailcode S111-1099	St. Louis		MO	63166	
7. PLANT SITE ADDRESS X SAME AS LABEL	CITY		STATE	ZIP CODE	
Lindbergh & McDonnell Blvd.	Hazelwood		MO	63042	
8. NAME OF PARENT FIRM			OFFICE USE	ONLY	
McDonnell Douglas Corporation				<u> </u>	
SECTION C - STATUS OF WASTE GENERATED (CHECK ONE)					
9. 10.	ANTITY NOT CENCE TEE	11.	DIE OHANT	ITY GENERATED B	LIT NOT
	ANTITY NOT GENERATED. Id Iransmit to the department.	SHIPPED	OFF-SITE TH	IS QUARTER. Sign ce	rtification
certification and transmit to the department. (Do not complete P.		and transr	nit to the depa	rtment. (Do not comple	te Part 2)
SECTION D - COMMENTS					
12.					
·					
•					
		•			

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

MAILE	***		
PHINI	NAME		
LuttA 1	NAME		

Bryan R. Kury MO 780-1097 (3-97) SIGNATURE DRya E. K.

DAIL

11/14/97



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

GENERATOR'S HAZARDOUS WASTE

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME A	ND
IDENTIFICATION NUMBERS AS SHOWN ON PART I.	

GENERATOR NAME

M.O.O.O.O.O.8.1.8.9.6.3

	SUMMARY REPORT - PART		MISSOU	IHI 1.D. NUMB	0 .0 .1 .	0 .0 .1				
10	TE PLEASE READ INSTRUCTIONS A		PRINT OR	TYPE						٦
_		9	ECTION F	REPOR	TIDENTIFICATION	AS SHOWN	I ON F	PART 1		ľ
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	CTION G - FACILITY IDENTIFICATION ACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE W	(AS DELIVERED)				4. FACILITY'S	EPA I.D. I	NUMBER .		٩
	Peoria Disposal Company ACILITY SITE ADDRESS					1	ง ชา ชา	120 M 1	5812	,
	4349 Southport Road					6. FACILITY'S				ᅴ
Ή	Y	s	TATE	ZIP C	ODE					
	Peoria		· IL		61615		<u>. F I</u>	LO	5	
3	CTION H - WASTE IDENTIFICATION									
.	7.	8	.	9.	10.		11. UNIT	12.	13. FINAL	
	DESCRIPTION OF WASTE SHIPPED TO THE	EPA HAZ	ARDOUS	TAX CODE	TOTAL AMOUN	١T	OF	SPECIFIC	HANDLING	;
<u>:</u>	FACILITY LISTED ABOVE	WASTE		(SEE INST.)	OF WASTE		MEAS.	GRAVITY	CODE	
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S	I ECTION I - TRANSPORTATION SERVICES U	<u></u>								
	14. COMPANY NAME			15. MIS	SSOURI IO NO. 16. US EPA	I.D. NUMBER				
	a Peoria Disposal Co	mpany	•	н••	0. 1.1 1.6.1.1.	.0 .0 .9 .8	4 8	19:	3	
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S 17	ECTION J - COMMENTS .									
16	080: Landfill									



MO 780.1007 /3.071

MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176) JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART II

BEFORE COPYING FORM,	ENTER THE	GENERATOR'	S NAME	AND
IDENTIFICATION NUMBER	S AS SHOWN	N ON PART I.		

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MANICECT CHMMANY DEDORT DND LING.11

MISSOURI I.O. NUMBER

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		SUMMARY REPORT - PAR	11					<u>.=</u>				
N	OTE ►	PLEASE READ INSTRUCTIONS	AND EITHER	R PRINT OR	TYPE							
Ha in	zardous \ Section G	N: Summarize all shipments mad Waste Management Facility you have a below. Additional pages are require agement facility utilized.	de to the eidentified		ERIOD ENDIN Z (YEAR)	I IDENTIFICATION (G (CHECK ONE & FILL IN YEA 12-31 (YEAF 6-30 (YEAR	(AA)	2. PAGE		•		
		- FACILITY IDENTIFICATION					<u> </u>					
3. F	ACILITY NAM	E (NAME OF OFF-SITE LOCATION WHERE WASTE	WAS DELIVERED)				4. FACILITY'S E	PA I.D. I	NUMBER			
5. F	Herita	n <mark>ge Environmental Service</mark> ADDRESS	s, Inc.				I.W.D.0	·o ·:	12 11	·a ·	'n '1	•2
		lest Morris Street					6. FACILITY'S N	ISSOU	RI LD. NUM	BER	<u> </u>	
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	Indian	napolis .		IN		46231	R	΄ Ω ' Ι	N O	٠,		
SE	CTION H	- WASTE IDENTIFICATION		111		40231		11 2	. 11 0	-		
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6		rial wastewater	F · 0 · 0 · 6			•			.		•	
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		s tanks			Α	9,900		ρ	•	T	0	4
9E	CHON	-TRANSPORTATION SERVICES U	TILIZED									
		14. COMPANY NAME			15. MISS	OURI ID NO. 16. US EPA I	D. NUMBER			_		
		Heritage Transpo	rt. Inc.		н	1'4'6'4 I'N'D'	0 5 8 4	R 4	1 1 4			
		ь			н							
												
		С			<u> H</u>	• • • • • •						
_		- COMMENTS										
17.												
	T04:	Precipitation, reduction fixation, and discharge	, neutra: to POTW.	lization	, filtr	ation, coagula	ition,					
	D80:	Landfill										



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

BEFORE COPYING FORM	A, ENTER THE GENERATOR'S NAME A	NO
IDENTIFICATION NUMBER	RS AS SHOWN ON PART I.	IYU

GENERATOR NAME

McDonnell Douglas Corporation

EPA IO NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

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	SUMMARY REPORT - PART				0.0	<u>. I .</u>	1.0.1			
N	OTE PLEASE READ INSTRUCTIONS	AND EITHE	R PRINT OF	TYPE						
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S	ECTION G - FACILITY IDENTIFICATION									
3.	FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE		}				4. FACILITY'S	EPA I.D.	NUMBER	
5.	Heritage Environmental Service	s. Inc.								
	7901 West Morris Street						I 'N 'D '	0.9.	3 '2 '1	3015
cr	TY		STATE	ZIP C	CODE		6. PACILITYS	MISSOL	JRI 1.D. NU)	ABER
	Indianapolis .	}.	IN		46231			R'R'	0' N' 1	3
S	ECTION H - WASTE IDENTIFICATION								<u> </u>	
L N E	7. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	EPA HAZ	B. MARDOUS NUMBER	9. TAX CODE (SEE INST.)	TOTAL A OF W	MOUNT		11. UNIT OF MEAS.	12. SPECIFIC GRAVITY	13. FINAL HANDLING CODE
1	Acid sludge from various		D · O · O · 6					1		CODE
	process tanks Alkaline sludge from	0.0.0.7		_A_	5	20		P	•	I 0 4
2	various process tanks	D·0·0·2		• Д.	0.5	150				
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	CTION L. TRANSPORT									• •
910	ECTION I - TRANSPORTATION SERVICES UT	ILIZED								
	THE STATE OF THE S			15. MISS	SOURLID NO. 16. US	EPA I.D.	NUMBER			_
	a Heritage Transpor	rt, Inc.	•	Н·••	'1 '4 '6 '4 I 'N	.D.0	<u>'5 '8 '4</u>	<u>8 4 </u>	114	<u>-</u>
	b			H	•	• •	• • •	• • •	• • •	
	c			н···	• • • .			• • •		
<u> 1</u>	CTION J - COMMENTS									
••	TO4: Precipitation, reduction, fixation, and discharge t	neutral o PUTW.	ization,	filtr	ation, coag	ulat	ion,			

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MISSOURI DEPARTMENT OF NATURAL RESOURCES **HAZARDOUS WASTE PROGRAM** P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - DART II

-	BEFORE COPYING FORM, ENTER THE GENERATOR'S	NAME .	AND
ı	IDENTIFICATION NUMBERS AS SHOWN ON PART I.		

GENERATOR NAME

McDonnell Douglas Corporation
EPAID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURI I.D. NUMBER

■ 1. 0. 0. 1. 0 .0 ■

		WINANT REPORT - PART										
N	OTE - PL	EASE READ INSTRUCTIONS A				•				_		
H: in	azardous Wast Section G bel	ummarize all shipments mad e Management Facility you have ow. Additional pages are require nent facility utilized.	se to the identified		ERIOD ENDI Z (YEAR)	RT IDENTIFICATION (A ING (CHECK ONE & FILL IN YEAR) 12-31 (YEAR)	3)	2. PAGE		•		
		ACILITY IDENTIFICATION										
3. 1	FACILITY NAME (NAM	AE OF OFF-SITE LOCATION WHERE WASTE V	WAS DELIVERED)			4. FACILITY'S	EPA I.D.	NUMBER			
	Safety-Kl	een Corporation										
5. 1							K'Y'D'	0 5 :	3 3 4	8	10	8
CIT	_3700 LaGr	ange_Road					6. FACILITY'S	MISSOU	RI I.O. NUM	18ER		
CII			1	STATE	ZIPC	CODE						
Q	Smithfiel	ASTE IDENTIFICATION		·KY		40068		$R_{\cdot}R_{\cdot}$	K Y O	2		
							,-					
L	,	7. DESCRIPTION OF WASTE	 	3.	9. TAX	10.		11. UNIT	12.	1	13. FINAL	
Ν	_	SHIPPED TO THE	EPA HAZ	'ARDOUS	CODE	TOTAL AMOUNT		OF	SPECIFIC		ANDLI	٠ .
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'	with oil/				A	3,290		Р		Т	•5	0
2	Ignitible	solvents from		D-0-0-7								
_	painting/	metal cleaning		F-0-0-2	Α.	21,360	1187 93	ρ		T	<u>.</u> 5	0
3			F.0.0.3	F • 0 • 0 • 5							•	
_				<u> </u>				<u> </u>				
4	Ignitible	solvents from		D-0-0-7	١.				_	_	• _	.]
_	painting/	metal cleaning		0.0.3.5	A	42,975		P	•	T	<u>5</u>	0
5				F-0-0-5	ĺ				.	ĺ		
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6	solvents	/chlorinated		0.0.3.9		4,005		P		T	٠,	۰۸۱
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7				F-0-0-5				}	:	ĺ	•	•
8	Oil conta	minated with		F-0-0-5								_
		ed solvents			A	14,270		ρ		T	'5	.0
S	ECTION 1-TR	ANSPORTATION SERVICES U	TILIZED									
	14	COMPANY NAME			15. MIS	SOURI ID NO. 16. US EPA I.C	D. NUMBER					
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	ECTION J - CO	DMMENTS										
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

GENERATOR'S HAZARDOUS WASTE

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1	

M.O.D.O.O.O.8.1.8.9.6.3

MANIESCT CHIMMARY DEPORT

DNA-HWG-11

MISSOURI I.D. NUMBER

	SUMI	MARY REPORT - PA	ART II				0 .0 .1		
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		LITY IDENTIFICATION OF OFF-SITE LOCATION WHERE WA	ASTE WAS DELIVERED))			4. FACILITY'S EPA I.D.	NUMBER	
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	3700 LaGran						6. FACILITY'S MISSOI		
CIT		_		STATE	ZIP C	-	0.0	K Y O	
S	Smithfield ZCHONH-WAS	TE IDENTIFICATION	•	KY_		40068	K.K.	K Y U	
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S	ECTION 1-TRAN	SPORTATION SERVICE	S UTILIZED						
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0 17	ECTION J - CO N	MENTS							



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

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MISSOURI I.D. NUMBER

SUMMARY REPORT - PART II									1. 0. 1.	$0 \cdot 0 \cdot 1$			
N	OTE ►	PL	EASE READ INSTRUCTIONS	TYPE									
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S	ECTION G	- FA	CILITY IDENTIFICATION										
3.1			E OF OFF-SITE LOCATION WHERE WASTE				4. FACILITY'S	EPA 1.D.	NUMBER .	,			
<u> </u>	Safety ACILITY SITE	<u>-K1</u>	een Corporation										
3. 1	_									.6.3.1.5			
CI	<u>4320 1</u> Y	OWIL	<u>e Ct., Harvestowne In</u>	210	6. FACILITY'S MISSOURI I.D. NUMBER								
	St. Charles			STATE			63304			H H O O 2 3			
S			ASTE IDENTIFICATION			10		03304			n n	0 0 2	3
L			7.		8.		9.		10.		11.	12.	13.
1		D	ESCRIPTION OF WASTE				TAX		10.		UNIT	'	· FINAL
N E			SHIPPED TO THE	EPA HAZARDOUS		CODE	TOTAL AMOUNT			OF	SPECIFIC	HANDLING	
_	FACILITY LISTED ABOVE					(SEE INST.)	OF WASTE			MEAS.	GRAVITY	CODE	
1	Combus	tib	le solvent from	D .0 .0 .8									
	Paint	ng/	metal cleaning liquid from	0.0.3.9			A		1.514		P	•	T 5 4
2	parts	cle	aning	0.0.0.6			Α		426		ρ		. ' '.
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SE	CTION I -	TRE	ANSPORTATION SERVICES U	III IZED		•						•	
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		а	Safety-Kleen Corpora	tion			H··	1273	M'0'0'	9'5'4	8'6	3'1'2	
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MISSOURI DEPARTMENT OF NATURAL RESOURCES **HAZARDOUS WASTE PROGRAM** P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (573) 751-3176

GENERATOR'S HAZARDOUS WASTE

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EPA ID NUMBER

M.O.D.O.O.0.8.1.8.9.6.3

MISSOURI I.D. NUMBER

	SUMMARY REPORT - PART	. 11			E U	·U ·I ·(0 .0 .1				
N	OTE PLEASE READ INSTRUCTIONS A										
Ha in of	TTENTION: Summarize all shipments mad azardous Waste Management Facility you have Section G below. Additional pages are required f-site management facility utilized.	le to the identified	1. FOR THE P	ERIOD Z (YE.			R)	2. PAGI			
	ECTION G - FACILITY IDENTIFICATION										
3. !	FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE V		(O)			•	4. FACILITY'S	EPA 1.D.	NUMBER		
-	Laidlaw Environmental Services	, Inc.					-1×101		- • • • •		
J. 1		d Dood					6. FACILITY'S				<u>8</u>
CIT	P.O. Box 609, 2027 Battleground	1 KOAU	STATE		ZIP CODE		6. PACILITY S	MISSOL	ITI 1.U. NUN	MOEH	
	Deer Park		TX	j	77536			r 'w '	T X 1	6	
S	ECTION H - WASTE IDENTIFICATION		IA	1	77330			, I	. A T	O.	
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ı	DESCRIPTION OF WASTE		0.	TA		10.		11. UNIT	12.	13. FINAL	
Ν	SHIPPED TO THE	EPA H	AZARDOUS	co	· -	OTAL AMOUNT		OF	SPECIFIC	HANDLI	
Ε	FACILITY LISTED ABOVE	WAST	E NUMBER	(SEE	INST.)	OF WASTE		MEAS.	GRAVITY	CODE	;
1	Debris from aircraft	D.0.0.	7 F·0·0·2								
_	servicing/painting	F.0.0.	3 F.0.0.5	<u></u>		50.540	<u>.</u>	P.		T O	3
2	Miscellaneous laboratory	0.0.0.	2								
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5	Corrosive laboratory	D.O.O.		A		80		Р		T O	• 5
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<u>રા</u>	ECTION I - TRANSPORTATION SERVICES UT	FILIZED									
	14. COMPANY NAME			1	5. MISSOURI ID NO.	16. US EPA I.I	D. NUMBER				
	a Peoria Nisnosal Co				4			• • • -			
	Peoria Disposal Co	mpany		-	11.1.6,1		0098	4_8	19	3_	
	b Laidlaw Environmen	+-1 Com	uiose In	_ +	11.2.0.1	c. c. v.	n'n'z'r			,	
	Laturay Environmen	rai ser	Aices in	C	· 1 0 U 1	12	<u> </u>	4	D 4	_	
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S	ECTION J - COMMENTS			- 1		1					
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(573) 751-3176

MISSOURI DEPARTMENT OF NATURAL RESOURCES **HAZARDOUS WASTE PROGRAM** P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102

GENERATOR'S HAZARDOUS WASTE SHMMARY REPORT - PART II

BEFORE	COPYING	FORM,	ENTER	THE	GENERA	ATOR'S	NAME	AND
IDENTIFI	CATION N	JMBER:	S AS SH	NON	I ON PAP	RT I.		

GENERATOR NAME

McDonnell Douglas Corporation

EPAID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

MISSOURI I.D. NUMBER

0.0.1.0.0.1

	SUMMANT REPORT FART		D DDINT OR	TVDE						\dashv
NO	TE PLEASE READ INSTRUCTIONS A	ND EITHE	SECTION E	- REPORT	IDENTIFICATION (AS SHOW	N ON	PART 1		
AT	TENTION: Summarize all shipments mad	le to the	1, FOR THE P	ERIOD ENDIN	G (CHECK ONE & FILL IN YEA	A)	2. PAGE			
Ha	zardous Waste Management Facility you have	identified	9-30-9		12-31 (YEAR		q	OF 9		
	Section G below. Additional pages are required	d for each	3-31		6-30 (YEAR)	, .		- OF		
off-	site management facility utilized.			•						
13=	CTION G - FACILITY IDENTIFICATION			•						
3 F/	CILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE V	NAS DELIVERED	O)			4. FACILITY'S	EPA I.D.	NUMBER .	,	
	Dynex Environmental, Inc.									
5. F/	ACILITY SITE ADDRESS					M.I.D.				'3 '2
	6801 Industrial Loop					6. FACILITY'S	MISSOU	IRI I.D. NUN	IBER	
αr			STATE	ZIP CO	DOE					
ŀ	Greendale		WI		53129					
SE	CTION H - WASTE IDENTIFICATION						,			
	7.		8.	9.	10.		11.	12.	13	3.
ازا	DESCRIPTION OF WASTE			TAX			UNIT		FIN	
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S	ECTION I - TRANSPORTATION SERVICES U	TILIZED								
	14. COMPANY NAME			15. MIS	SOURI ID NO. 16. US EPA	I.D. NUMBER				
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C	ECTION I COMMENTS		·							
17	ECTION J - COMMENTS									
"	TO4: Recycle									
	<u>•</u>									
	Facility Missouri ID omitted,	per MOD	DNR.							
1										•
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ATTACHMENT 5



ملایی م مدن

> MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

FACILITY SUMMARY REPORT PART I

BEFORE COPYING FO	ORM, ATTACH S	ITE IDENTIFICATION LABEL OR
McDonnell Douglas Corporation - Tract I CONTACT PERSON (NAME) Jospeh Haake SITE STREET ADDRESS (DO NOT ENTER P.O. BOX) Lindbergh & McDonnell Blvd. CITY STATE ZIP CODE Hazelwood MO 63042		
McDonnell Dougl	as Corpora	tion - Tract I
Jospeh Haake		
SITE STREET ADDRESS (DO NOT EN	NTER P.O. BOX)	
Lindbergh & McD	onnell Blv	i. '
CITY	STATE	ZIP CODE
Hazelwood	MO	63042
FACILITY'S EPA I.D. NUMBER		FACILITY'S MISSOURI I.D. NUMBER
\mathbf{R} \mathbf{M} \mathbf{M} \mathbf{M} \mathbf{M} \mathbf{M} \mathbf{M}	1 2 0 6 3	

M O D O. O. O. 8. 1. 8. 9. 6. 3 R. R. O. .2 .6 8

NOTE: THE FEDERAL EPA AND MISSOURI FACILITY I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY
TO THE SITE WHERE WASTE IS HANDLED. YOU MUST NOTIFY THE DEPARTMENT IF THE
ADDRESS FOR THE FACILITY SITE CHANGES.

SECTION A - REPORT IDENTIFICATION	Santa Carlo	Maria estado de	And Spin of Feb	A CONTRACT OF THE STATE OF THE
IMPORTANT: ALL MISSOURI BASED FACILITIES THAT RECLAIM TREAT	1. FOR THE P	ERIOD ENDING (CH	ECK ONE & FILL IN Y	EAR) 2. PAGE
STORE, OR DISPOSE HAZARDOUS WASTE ON-SITE SHALL REPORT THE TYPE, QUANTITY AND HANDLING METHOD USED FOR EACH WASTE		97~c.o. □	12-31 (YEA	
RECEIVED FROM ALL SOURCES. ALL FACILITIES MUST REPORT	9-30-	22 (TEAR) U	12-31 (YEA	1 OF 12
QUARTERLY.	3-31	(YEAR) [6-30 (YEAI	3) OF
SECTION B - FACILITY IDENTIFICATION				
3. FACILITY NAME SAME AS LABEL				
McDonnell Douglas Corporation				ì
4. FACILITY CONTACT PERSON (NAME) A SAME AS LABEL	,	TELEPHON	IE NUMBER	
Joseph Haake		(314)	232-3319	
5. MAILING ADDRESS	CITY	1 ()	STATE	ZIP CODE
P.O. Box 516, Mailcode \$111-1099	C+ 1 a		МО	63166
6. PLANT SITE ADDRESS SAME AS LABEL	St. Lou	U.S	STATE	ZIP CODE
Lindbergh & McDonnell Blvd.	Hazelwo	nod	МО	63042
7. NAME OF PARENT FIRM	1 110201110		OFFICE US	
McDonnell Douglas Corporation				
SECTION C - COMMENTS			22 marsh (1921)	, — color) i i i i i i i i i i i i i i i i i i i
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SECTION D. CERTIFICATION				
SECTION D - CERTIFICATION STATEMENT				
I certify under penalty of law that I have personally examin	ied and am fami	liar with the	information su	ibmitted in this and all
attached documents and that based on my inquiry of those	individuals imm	ediately respo	onsible for obt	aining the information
I believe that the submitted information is true, accurate,	and complete. I	am aware th	at there are s	ignificant penalties for
submitting faise information, including the possibility of fine a	ind imprisonmen	t.		
PRINT NAME SIGNATURE				DATE
1 Files	_ E. Ky	_		11/14/97
Diyan E. Kury	·)		1 "/"/")
MO 780-0408 (9-91)				FORM DNR HWF



MISSOURI, DEPARTMENT OF NATURAL RESOURCES: **HAZARDOUS WASTE PROGRAM**

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

2. PAGE

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

FACILITY SUMMARY REPORT PART II

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation
FACILITY'S EPA
ID NUMBER

M. O. D. O. O. R. 1.8 Q

■ M O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI I.D. NUMBER

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					COMPLETED FOR EACH	INDIV	IDUAL	SOUE	?CF		. 0 . 5	٦
6	ECTION F. GENERATOR IDENTIE	CATIO	M /LICT TH	E COURCE	•							┙
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S	ECTION G - WASTE IDENTIFICATI	ON										
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HAZARDOUS WASTE PROGRAM

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI, DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI I.D. NUMBER

R. R. O. 2. 6. 8

SECTION E - REPORT IDENTIFICATI	ON (As	S SHOWN C	IN PART I)							
1. FOR THE PERIOD ENDING (CHECK ONE & FILL I	N YEAR)	2. PAGE			TE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED					
X 9-30- 97 (YEAR) 12-31(Y	EAR)	3 -	of 12	AND HOW IT WAS HAND						
3-31(YEAR)	EAR)	1	,, <u></u>	ON THIS PAGE. ADD					D T	U BE
				COMPLETED FOR EACH				CE.		
SECTION F - GENERATOR IDENTIFI	CATIO	N (LIST TH	E SOURCE	OF THE WASTE LISTED OF	N THI	S PAG	E)			
3. GENERATOR'S NAME		4, IMPO	ORTANT: IF THE	E WASTE IDENTIFIED ON THIS	5. GE	NERATOR	'S U.S.	EPA I.D.	NUMBE	R
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SECTION G - WASTE IDENTIFICATION (SUMMARIZE THE AMOUNT OF WASTE I	SPOM T	HE AROVE L	STED GENE	RATOR AND HOW IT WAS HA	NDLE	DATY	OUR S	SITE		
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SECTION H - COMMENTS			•							
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TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



MISSOURI, DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE CORVING FORM					
BEFORE COPYING FORM,	ENTER	THE	FACILITY	ALA BAC	
IDENTIFICATION MILLER			LACILITI	NAME	AND
IDENTIFICATION NUMBERS	S AS SH	NWC	ON PART I		
CACHARA			<u> </u>		

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI I.D. NUMBER

R.R.O.2.6.8

SECTION E PERSON DE LA CONTROL	CTION	S AND FITH	HER PRINT	OP TYPE				
SECTION E - REPORT IDENTIFICA	TION (AS SHOWN	ONDART	ONTIFE				
1. FOR THE PERIOD ENDING (CHECK ONE & FILE	INVEAD	2. PAGE					· ·	
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3-31- (YEAR) 6-30-		4	.or <u>12</u>	AND HOW IT WAS HAN	DLED	FROM A	IN INDIVIOL	IAL COURSE
1 0-30	(YEAR)			ON THIS PAGE, AD	DITIO	IANC	PAGES NE	ED TO BE
SECTION E CENEDATOR					111101		A	0 02
SECTION F - GENERATOR IDENTIF 3. GENERATOR'S NAME	ICATIO	ON (LIST TH	IE SOURC	E OF THE WASTE LISTED (N TH	IS DAG	E	
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McDonnell Douglas Corpora	tion		2 00.200 17113	, 500	11			•
6. GENERATOR'S ADDRESS	CITY				M	<u>0 D 0</u>	0081	18906
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Airport Road & McDonnoll	L [G	.	•	_				
Airport Road & McDonnell Section G - WASTE IDENTIFICATION	BIVa.	, St. Lo	uis, MO	_63134		n	0 1 2 4	1 2
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MO 780-0408 (9-91)

MISSOURI, DEPARTMENT OF NATURAL RESOURCES **HAZARDOUS WASTE PROGRAM**

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

McDonnell Douglas Corporation
FACILITY'S EPA
ID NUMBER

FACILITY'S EPA

M. O. D. O. O. O. 8.1.8.9.6.3

STIF HWEIT

FACILITY'S MISSOURI I.D. NUMBER

R. R. O. 2. 6. 8 ■

	OTE > PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TYPE					
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			}	• 4	NOTE: SUMMARIZE TH	HE AN	TOUNT	OF WASTE	RECEIV	ED
	CTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)									
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S	ECTION F - GENERATOR IDENTIF	CATIO	N (LIST TH	E SOURCE	OF THE WASTE LISTED O	N TH	S PAG	E)		
3.	GENERATOR'S NAME		4. IMP	ORTANT: IF TH	HE WASTE IDENTIFIED ON THIS	-			NUMBER	
			SITE	- CHECK THIS	BOX MANAGED ON-	١ .			·	
_	McDonnell Douglas Corporations					M	<u>0 D 0</u>	0081	890	6
G.	GENERATOR 3 ADDRESS	CHY			STATE ZIP CODE	7. G	NERATOR	R'S MISSOURI I.I). NUMBER	
	Airport Road & McDonnell I	Blvd.	St. Lou	is. MO	63134	1111	U.	n. 1. 2. 4	8	
S	ECTION G - WASTE IDENTIFICATI	ON							Ů	
(§	SUMMARIZE THE AMOUNT OF WASTE	FROM T	HE ABOVE L	ISTED GENE	ERATOR AND HOW IT WAS HA	ANDLE	D AT Y	OUR SITE)		
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Ň		HAZARD					1	co	DE	
E		CODE	WASTE	TOMBEN	OL ANYOLE	MEAS.	GRAVITY	INTERIM	FINAL	
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ა 	chlorinated solvents	1 3			5 875	D	•	S N 1	т б	0
4	Acid sludge from various		D.0.0.5		V3V/ V			<u> </u>		_
_	process tanks	0_2	• • •		1,600	Р	•	S 0 1	TO	4
5										
	Sodium persulfate				90	Р	•	S 0 1	T 0	4
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G	ECTION H - COMMENTS			• • •			•		<u> </u>	
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P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT DADTII

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8 · 1 · 8 · 9 · 6 · 3

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NOTE ▶ PLEASE READ INSTRU	ICTION	S AND EIT	HER ODINE	OD TVDE	<u> </u>	<u> </u>	· 0 · 8		
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3. GENERATOR'S NAME		14. IM	PORTANT: IF T	HE WASTE IDENT	IEIED ON THIS	5.0	ENERATO	(E)	
	TION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE NEATOR'S NAME Application State Sta								
McDonnell Douglas Corpora	tion			<u> </u>	→] u ·	0.0.0	· o · o · o ·	
6. GENERATOR'S ADDRESS	CITY			STATE	ZIP CODE	7. G	ENERATO	8 0 0 8	1897
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SECTION G - WASTE INENTIFICAT	IANI						U	012:) I
L 8.	FROM	HE ABOVE	LISTED GEN	ERATOR AND	HOW IT WAS H	ANDLE	ED AT Y	OUR SITE	
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SECTION II							.		
SECTION H - COMMENTS							•		
	_								
TO4: Precipitation, reduce fixation and discharge	tion,	neutral	ization,	filtration	on, coaqula	tion	1_		

fixation, and discharge to POTW.



MISSOURI, DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE	COPYING	FORM,	ENTER	THE	FACILITY	NAME	AND
	CATION N						

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI I.D. NUMBER

R · R · O · 2 · 6 · 8

-	OTE PLEASE READ INSTRUC											
ક	ECTION E - REPORT IDENTIFICAT	ION (A	S SHOWN O	N PART I)								
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL	IN YEAR)	2. PAGE		NOTE:	SUMMARIZE TH	HE AN	IOUNT	OF \	VAST	RE	CEIVE
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					COMPLE	TED FOR EACH	INDIV	IDUAL S	SOU	RCE.		
3	ECTION F - GENERATOR IDENTIF	ICATIO	N (LIST THE	SOURCE	OF THE WA	STE LISTED O	N TH	SPAG	ΕŊ			
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	McDonnell Douglas Corpora	tion	3.1.2	Check mis b	<u> </u>	→	M.	0 D O	۰, ۰,	· · ·		·
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	5775 Campus Pkwy., Hazelw	ood. I	0 63042					0.	U.	l· 2· !	; · 1	
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	DESCRIPTION	T00	EPA HAZA		TOTAL	AMOUNT	UNIT		17.		VDLING	
ı	OF WASTE	HAZARD	WASTE N	4		WASTE	OF	SPECIFIC			300	
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1	Flammable laboratory		D·0·0·1	• • •								
	chemicals	0 8		!		240	P	•	S	0 :	LT	0
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3	ECTION H - COMMENTS					•				3.0	1	¥ .
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5.												
5.	TO4: Recycle											
5.												
5.												



MISSOURI, DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102

(314) 751-3176 **FACILITY SUMMARY REPORT**

BEFORE COPYING FORM, ENTER THE FACILITY	NAME	AND
IDENTIFICATION NUMBERS AS SHOWN ON PART	1.	AITE
	••	

FACILITY NAME

McDonnell Douglas Corporation
FACILITYS EPA
ID NUMBER

MM O D O O R 1 R 0 A

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

_	PARTII			I.D.	NUMBER R. R. O	. 2.	6.8					
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S	FCTION F - GENERATOR IDENTIF	CATIO	M // IOT TI		COMPLETED FOR EACH	וטאו	/IDUAL	SOL	IRCE.			
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_	McDonnell Douglas Corpora GENERATOR'S ADDRESS					M	0 D 0	'n	n 'a '	1 8	٠,	o .
0.	GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. G	NERATOR	R'S M	SSOURI	I.D. N	UMBEF	<u> </u>
	4500 Goodfellow, St. Loui	s, MO	63120			#A	0	0.	1. 5.	5· 2		
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3	CTION H - COMMENTS	- · · ·		• • •			•			\perp	· .	

Recycle T04:



MISSOURI, DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYIN	IG FORM,	ENTER	THE	FACILITY	NAME	AND
IDENTIFICATION	NUMBER	S AS SH	NWC	ON PART I		7110

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI I.D. NUMBER

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AI	OTE > PLEASE READ INSTRUC	XT10110	4115 5:5:										
		HONS	AND EITH	ER PRINT	OR TYPE								
S	ECTION E - REPORT IDENTIFICAT		SSHOWN	ON PART I)						*			
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL	IN YEAR)	2. PAGE		NOTE:	SUMMARIZE T	HE AN	TOUNT	OF	WASTE	REC	EIVE	<u> </u>
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	☐ 3-31(YEAR) ☐ 6-30(Y	(EAR)		OF	ON TH	IS PAGE. AD	DITIO	NAL P	AGE	S NE	- NE O))	, C.
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				E - CHECK THIS			r				٠		
	McDonnell Douglas Corpora	tion	1		•		M.	0 D O	'n	וֹ אַ ח	'nά	λí	ġ
€.	GENERATOR'S ADDRESS	CITY			STATE	ZIP CODE	7. G	NERATO	R'S MI	SSOUBLE	D NUM	DED.	<u>U</u>
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	Second & Morgan Streets,	:+ c	anlac t	40 62201					٠	_ • _ • _			
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3	ECTION G - WASTE IDENTIFICATION	ON											
2	SUMMARIZE THE AMOUNT OF WASTE I	ROW					ANDLE	D AT Y	OUR	SITE)			
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N	DESCRIPTION	HAZARD		ZARDOUS	TOTAL	AMOUNT	UNIT	SPECIFIC	ĺ		DDE		
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	Oil contaminated with	 	E.O.O.3	F · 0 · 0 · 5		· ······	WCAS.		 ' '	() E LY IN	<u> </u>	INAL	
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-1	ECTION H - COMMENTS												_



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

	BEFORE	COPYING	FORM,	ENTER	THE	FACILITY	NAME	ANE
-	IDENTIF	CATION N	UMBER:	S AS SH	NWC	ON PART I		

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI

R · R · O · 2 · 6 · 8

S	ECTION E - REPORT IDENTIFICAT	ION (A	S SHOWN ON PART I)								
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL \$\infty\$ 9-30 (YEAR)	(EAR)	2. PAGE	NOTE: SUMMARIZE T AND HOW IT WAS HANI ON THIS PAGE. AD COMPLETED FOR EACH	DLED F DITIO I INDIV	ROM AI NAL P IDUAL	N IND AGES SOUR	IVIDU NEI	AL S	OUR	CE
	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST THE SOURCE	OF THE WASTE LISTED C	нт ис	IS PAG	E)				
	McDonnell Douglas Corpora	tion] _M .	O D 9	8 0	9 6	8	4 ⁻ 5	7
	8900 Frost, Berkeley, MO	63134	1	STATE ZIP CODE	7. GB	NERATOR 0	т's міss		1	MBER	
	UMMARIZE THE AMOUNT OF WASTE		HE ABOVE LISTED GENE	ERATOR AND HOW IT WAS H	ANDLE	D AT Y	OUR S	SITE)			
L I N E	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14.	HAN	DLING DDE	FINAL	
1	Ignitible solvents from painting/metal cleaning	0 8	D· O· O· 1 D· O· O· 7 D· O· O· 8 D· O· 3· 5	1,320	įρ		s.	0 1	Τ.	5	0
2			F· 0· 0· 5			:					
3	Oil contaminated with chlorinated solvents	1 3	F· 0· 0· 2 F· 0· 0· 5	490	Р		S	0 1	T.	5	0
4	Acid from pickling aluminum alloys	0 2	D· 0· 0· 2	5,705	Р		s.	0 1	T.	0	4
5	Lamps containing mercury		D. 0. 0. 3	400	Р			0 1	T	0	4
6	Potassium Hydroxide		D· 0· 0· 2	495	Р			0 1	T	0	4
7										•	
8									-	•	
_	ECTION H - COMMENTS										
15.	Line 5:. TO4: Recycle	•		•							

TO4: Precipitation, reduction, neutralization, filtration, coagulation,

fixation, and discharge to POTW.



MISSOURI, DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176

PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

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FACILITY'S MISSOURI I.D. NUMBER

R · R · 0 · 2 · 6 · 8

S	ECTION E - REPORT IDENTIFICAT	ION (A	S SHOWN ON PART I)						
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL	•	2. PAGE	NOTE: SUMMARIZE TI					
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				COMPLETED FOR EACH		•			
	ECTION F - GENERATOR IDENTIFI	CATIO			_				Ą
3. (SENERATOR'S NAME		PAGE WAS BOTH O	HE WASTE IDENTIFIED ON THIS SENERATED AND MANAGED ON-	5. GI	NERATOR	R'S U.S.EPA I.D. I	NUMBER	
	McDonnell Douglas Corpora	tion	SITE - CHECK THIS	BOX	M.	o . b . v	0.0.8.1	0 0 6	2
	GENERATOR'S ADDRESS	CITY		STATE ZIP CODE			R'S MISSOURI I.E		긕
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	ECTION G - WASTE IDENTIFICATION		azerwood, 110 oo	J 12					
	UMMARIZE THE AMOUNT OF WASTE		HE ABOVE LISTED GEN	ERATOR AND HOW IT WAS H	ANDLE	D AT Y	OUR SITE)		
L	8.	9. DOT	10.	11.	12.	13.	14. HAND	DLING	٦
N	DESCRIPTION	HAZARD	EPA HAZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	со	DE	
E	OF WASTE	CODE	WASTE NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL	1
1	Industrial wastewater		F·0·0·6 F·0·1·9						
	pretreatment sludge	1 5		37,000	P	•	S 0 2	D 8	0
	Solution from coating		D·0·0·2 · · ·		_	.			
_	removal	0_2_		559	P	•	S 0 1	T O	<u>3</u>
	Chlorinated solvent from	٠. ا	D·0·4·0 F·0·0·2		_				.!
	degreasing	1 3		583	P		S 0 1	T 0	4
Δ	Chlorinated solvent from	1 3	F.0.0.5		_				٠.
	degreasing	1 3	0.0010007	583	<u> P</u>	•	S 0 1	TO	4
5	Ignitible solvents from	0 0	D·0·0·1 D·0·0·7	30,600	P		S 0 1	T . E .	^
	painting/metal cleaning	0 8	D·0·3·5 F·0·0·2 F·0·0·3 F·0·0·5		P	•	3 U I	1 3	U
6			F U U 3 F U U 3	<u>.</u>	İ				:
	Ignitible/chlorinated		D·0·0·1 D·0·0·7		 			 	
		0 8	D. 0.3.2 D. 0.3.3	3,584	P		S 0 1	T 5	0
		 	D·0·4·0 F·0·0·2		†		<u> </u>		Ť
8		'	F·0·0·3 F·0·0·5						1
S	ECTION H - COMMENTS				2 - 1				
15.				· ·					-
	D80: Landfill								:
	TO4: Precipitation redu	ction	neutralization	filtration coagul	atio	n			

104: Precipitation, reduction, neutralization, filtration, coagulation,

fixation, and discharge to POTW.

Lines 3 & 4: TO4: Recycle



HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

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McDonnell Douglas Corporation
FACILITYS EPA
ID NUMBER

M. O. D. O. O. S. 1. 8. 9. 6

M 0. D. 0. 0. 0. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI I.D. NUMBER

R · R · O · 2 · 6 · 8

	NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE													
S	SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)													
	1. FOR THE PERIOD ENDING (CHECK ONE & FILL	•	2. PAGE		NOTE: SUMMARIZE T	HE AN	TOUNT	OF WASTE	RECEIVED					
	X 9-30- 9Z (YEAR) □ 12-31(•	12	OF <u>12</u>	AND HOW IT WAS HAND									
	☐ 3-31(YEAR) ☐ 6-30(Y	'EAR)	 '	UF	ON THIS PAGE. AD				D TO BE					
		*			COMPLETED FOR EACH				İ					
S	ECTION F - GENERATOR IDENTIF	CATIO	N (LIST TH	E SOURCE	OF THE WASTE LISTED C	N TH	IS PAG	E)						
3.	GENERATOR'S NAME		PAG		E WASTE IDENTIFIED ON THIS ENERATED AND MANAGED ON-	5. G	ENERATO	R'S U.S.EPA I.D.	NUMBER					
	McDonnell Douglas Corpora	tion] M.	o n o	0081	8 9 6 3					
6.	GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. G	ENERATO	S'S MISSOURI LE	D. NUMBER					
	Lindbergh & McDonnell Blv	d., Ha	zelwood.	, MO 630	042		. .	0.1.0.0						
s	ECTION G - WASTE IDENTIFICATION	ON		-				0 1 0 0						
	SUMMARIZE THE AMOUNT OF WASTE		HE ABOVE L	ISTED GEN	ERATOR AND HOW IT WAS H	ANDLE	D AT Y	OUR SITE						
ι	8.	9.		0.	11.	12.	13.	14	DLING					
l N	DESCRIPTION	DOT	EPA HAZ	ARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	1	DE					
E	OF WASTE	CODE	WASTE	NUMBER	OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL					
	Oil contaminated with		D·0·3·5	D· 0· 3·9		1								
1	chlorinated solvents	1 3		F· 0· 0· 2	10,290	D	:	5 0 1	T 5 0					
_			F·0·0·3		103250	 		J 0 1	<u> </u>					
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<u>ی</u>	Resin solution	0 8	0.0.0.1	v •. •. •	3,773	P		S 0 1	T 5 0					
1	Neutralizing/cleaning		D·0·0·2		<u> </u>	1 -		<u> </u>						
_	of an acid spill	0 2			1,066	Р		5 0 1	T n 4					
5	Corrosive laboratory		D.0.0.5						<u>.</u>					
_	chemicals	0 2			2.475	р		5 0 1	T n 3					
6	Acid sludge from various		D·0·0·2					VL						
	process tanks	0 2			10,296	Р		5 0 1	T 0 4					
	Alkaline sludge from		D·0·0·2						T					
<u>'</u>	various process tanks	0 2			11,858	Р	•	S 0 1	T 0 4					
8	_		D.0.0.9	•										
Ĭ	Lamps containing mercury				21,840	P	•	S 0 1	T 0 4					
3	ECTION H - COMMENTS			1 1					The second second					

Precipitation, reduction, neutralization, filtration, coagulation, T04: fixation, and discharge to POTW.

Line 8: TO4: Recycle

ATTACHMENT 6

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EPA Form 8700-22 (Rev. 9-94) MONR-HWG 10

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality Hazardous Waste Program P.O. Box 176 Jeffersorl City, Missouri 65102

314-751-3176 **HAZARDOUS WASTE MANIFEST** EMERGENCY RESPON U.S. COAST GUARD 1-800-424-8802 CHEM TREC 1-800-424-9300

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DEPT. OF NATURAL RESOL 314-634-2436 Please print or type (Form designed for use on elite (12-pitch) typewriter.) Form Approved OMB No 2050-0039, Expires 9-30-9 **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. Manifest 2. Page ____ Information in the shaded areas M, O, D, O, O, 8, 1, 8, 9, 6, 3 10 Dogument No. **WASTE MANIFEST** of is required by State law. 3. Generator's Name and Mailing Address Ar Missouri Manifest Document Number McDonnell Douglas Corporation, Mailcode 111-1099 0,00,120,00,1 Lindbergh & McDonnell Blvds., Hazelwood, MO 63042 Bit St. (Gen. Sile Address) (17/1281) BOO 1001 4. Generator's Phone (314) 232-3319 Attention: S. Johnson 5. Transporter 1 Company Name 6. US EPA ID Number CMOTrans to 255 H-1464s XXX Heritage Transport, Inc. II,N,D,0,5,8,4,8,4,1,1,4 Daransponer e Phone (317) 241594068 7. Transporter 2 Company Name 8. US EPA ID Number EMO. Trans. 10 (28) None Surfansporters Phone 9. Designated Facility Name and Site Address 10. US EPA ID Number ACTOGREGOUNT * * (EOUTE PARTE Heritage Environmental Services, Inc. 7901 West Morris Street I, N, D, O, 9, 3, 2, 1, 9, 0, 1, 2 (S17), 243-08115 Indianapolis, IN 46231 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. Total Unit Number Туре Quantity Wt/Vol EPAWASTE CODE & Waste Emulsified Cutting Oil G Non-regulated STATE AS A SECOND 0,0,1 TT 220,20 N Ε EPA WASTE CODE 1300分 R STATE EPA WASTE CODE STATE STATE EPA WASTE CODE 1. 了一个 STATE :: J. Additional Descriptions To / Materials List 80 / Above 1 15. Special Handling Instructions and Additional Information "If unable to deliver to designated TSD facility, return to generator." Emergency contact: (314) 232-2285 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me written minimizes the present and future threat to human health and the environment Printed/Typed Name agement method available to me that I can afford. Signayore) Sruv~(Year 17. Transporter 1 Acknowledgement of Receipt of Materials 0 Signature Day Assent 18. Transporter 2 Acknowledgement of Deceipt of Materials Printed/Typed Name Date Signature Month Day Year 19. Discrepancy Indication Space 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Signature

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ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

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Required under authority of Part 11 Part 121 of Act 451, 1994, as amend

Failure to file may subject you to criminal and/or civil penalties, under Sections 324.11151 or 324.12116 MC

Form Approved. OMB No. 2050-0039 Expires !

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Y	1	Printe	ed/Typeo	Name .			· · · · · · · · · · · · · · · · · · ·	Isi	gnature							Date Month Day V
		CYYC) Š		WATER	CNC	noKE			513	12234	L	Cal	. V		Month Day Y
EPA	Fo	rm 8700	0-22 (Rev		VV21 1 101	7.11	IUNC	, 1 <i>V</i>		13.	W.73. * V	-41 4	1.1	IVE N	- 171	<u> </u>



STATE OF WISCONSIN Chapter 144, Wis. Stats. Form 4400-66P Rev. 5-99

Emergency 24 Hour Assistance Telephone Number In Wisconsin (608) 266-3232

Outside Wisconsin

(608) 266-3232

COPY 5-

(800) 424-8802 FACILITY SEND TO GENERATOR

· Rev. 5-95

ALL COPIES MUST BE LEGIBLE,

State of Wisconsin Department of Natural Resources Bureau of Solid and Hazardous Waste Mgt. Box 8094 Madison, Wisconsin 53708

FOR DNR USE ONLY

6 - Transporter retain

3 - Facility send to Wis. DNR

Copies 1 & 3 mail to Wis. DNR at above address.

-		PLEASE	11115		Fo	-m À nnro	ved. OMB No. 2	050-00	20 Evoi-			
OFF	a de	signed for use on elite (12-pitch) typewriter.	<u> </u>									
		UNIFORM HAZARDOUS	1. Generator's U		Manifest Document N	o. 2. Pa	- I Imorma	tion in	the shad	led areas		
IL				818963		1 10	4 1		by Fede			
	3.	Generator's Name and Mailing Address Hobonnell Rouglas Corporation	an Mar	Site Location If Di connell Lougla	fferent		tate Manifest D					
		M/C S111-1099 P.O. Box 51		dbergh & McDo		1.7	WIRU (b)	ÇO ₹	AND SECURITION OF			
Ш		St. Louis, MO 63166-0516		elwood, MO 63		B. S	tate Generator's	in the second				
Ш	4.	Generator's Phone (314) 232-3319					001001					
\prod	5.	Transporter 1 Company Name		6. US EPA ID Nu		C.S	tate Transporter	1-2200	0.4 (5.5)			
П		AAA Environmental Industrie	.5	WID0001	2 2 3 5	E DAT	ransporter's Ph	14)761	-942			
11	7.	Transporter 2 Company Name		8. US EPA ID Nu	nber	E S	tate Transporte	's ID	Service .	·		
П						FAT	ransporter's Pho)ne	tg.w.m			
۱ŀ	9	Designated Facility Name and Site Address]	10. US EPA ID Nu	nber	:G:S	tate Facility's I	Penn		74.		
Ш	٠.	Dynex Engironmental, Inc.						COO!		1.5		
П		6801 Industrial Loop				H	acility's Phone	Alexa V	30.5			
Н		Greendale, WI 53129		W E D O 7 A 1	6 4 0 3	2		714] (121-49	59		
۱ŀ					12. C	ontainers	13.	14.	50 2.00 30 50 50	7		
П	11.	US DOT Description (Including Proper Ship	oping Name, Hazo	ard Class, and ID Nur	nber) No	. Туре	Total Quantity	Unit Wt/Vol	- Waste	No.		
11	a .	RO Harardous waste solid, n.o.s.	(Lamps contain	usq secouty), 3,					ign,			
'	۵.	NA3077, PGŽXX (DO)9)			0.0	.610.W	0,2,1,00	ţ	DO	0 9		
G E	b.	NO Hazardoda waste solidi nio.a.	damps concarn	log weith ye. y.		- 		\vdash	Cas.			
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R	d.					. .						
1			Take Transport of the second state of	The state of the state of the state of the state of the state of the state of the state of the state of the sta	- January Carl	NO. TO X	Tandina Codos	0- Wo	etec Tiet	od Aborro		
11	J. /	Additional Descriptions for Materials Listed	ADOVE	W1.3741	87 2		Tanumig Codes	01 11 1	Sues Disv	ou Above		
Ш		b) MO.ID.116 (1881)										
11	<i>*</i>			Charles and the control of the contr	يَعَ لِمُعْدِقُ وَتُنْجِيَانِ أَنْ الْمُعْدِينِ الْمُعْدِينِ الْمُعْدِينِ الْمُعْدِينِ الْمُعْدِينِ الْمُعْدِينِ	وسدينية اسكان	and a second second second second second second second second second second second second second second second					
	15.	Special Handling Instructions and Addition	al Information 1:	SD facility, return to generator." a)								
П		ERG#171 b) ERG#171										
		24 Hour Emergency Contact:	(314) 232-3	-2285								
		the second secon										
	16.	GENERATOR'S CERTIFICATION: I here shipping name and are classified, packed, many	eby declare that t	he contents of this con	nsignment ar	e fully and	d accurately des	cribed	above by	proper		
Ш		plicable international and national government	nental regulations	s and according to th	e requiremen	ts of the	Wisconsin Depa	ırtmen	t of Nati	ıral Ke-		
П		courses If I am a large quantity generator	I alon cortify that	l have a program in hi:	ace to reduce	the volum	ie and toxicity of	waste	generate	a to the		
		degree I have determined to be economicall available to me which minimizes the present	ly practicable and it and future thre	I have selected the pi at to human health ai	racticable me nd the enviro	tnod of tr nment:	eatment, storag	e, or a	isposai ci	irrentiy		
11							·* •					
Ш		OR, if I am a small quantity generator, I h select the best waste management method	ave made a good that is available (faith effort to minimi	ze my waste afford.	generatio	n and					
		· ·								ate		
	Pri	nted/Typed Name & Position Title	1 (;)	Signature	CMEQ	10	1		B	Day Year		
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T R	17.	TRANSPORTER 1 Acknowledgement of R	leceipt of Materia	ls \	<u>/)</u>	- ; - /			I)ate		
A	Pri	ned/Typed Name & Position Title	16	Signature	1.60	11-			Month	Day Year		
S	人	MCLIAM () JAK	UN	1) ille	. 17 54		`		111	7/1		
ANSPORTER	18.	TRANSPORTER 2 Acknowledgement of R	Receipt of Materia	ls					I	Date		
RT		nted/Typed Name & Position Title		Signature					Month	Day Year		
E										1 1		
	19.	Discrepancy Indication Space										
F		-										
A C I L I		· .										
Ī	20.	FACILITY OWNER OR OPERATOR: Cel	rtification of recei	pt of hazardous mate	rials covered	by this m	anifest except a	s				
	-	noted in Item 19.		-		-	-		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date		
T Y	Pr	inted/Typed Name & Position Title		Signature	۸ •				Month	Day Year		
	1.	ILLIAM, GOINES-TES	11111 / A.	7 1 5	Form	الويك			11/2	5977		
EP EP	A F	orm 8700-22 (Rev. 9-88) Previous editions ar		Copy Distribution:	1 - Generato	r send to V	Vis. DNR 4	- Fac	ility retain	1		
				** ;	2 - Generato					to Generator		

OF MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF ENVIRONMENTAL QUALITY Hazardous Waste Program P.O. Box 176 Jefferson City, Missouri 65102 573-751-3176

HAZARDOUS WASTE MANIFEST

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.
INSTRUCTIONS FOR THE COMPLETION OF THIS FORM ARE ON A SEPARATE SHEET.

The second secon			
EMERGENCY RESPONSE	U.S. COAST GUARD 1-800-424-8802	CHEM TREC 1-800-424-9300	DEPT. OF NATURAL RESOURCES 573-634-2436

e print or type (Form designed for use on elite (12-pitch UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. M ₁ O ₁ D ₁ O ₁ O ₁ O ₁ 8 ₁ 1 ₁ 8 ₁ 9 ₁ 6 ₁ 3	Manifest 2. Procument No. 0 3 4 6 0 of	age 1 Inform 1 is requ	IB No 2050-0039. Expires 9-30- ation in the shaded areas uired by State law.
3. Generator's Name and Mailing Address MCDonnell Douglas Corporati Lindbergh & McDonnell Blvd. Hazelwood, MO 63042 4. Generator's Phone (314) 232-3319	ATTN: S. JOHNSO	1099 N	Manifes (Pocume O: 1/2 O: O: 1 ST(Gen She Address)	3,4,6,0 001,001
5. Transporter 1 Company Name Heritage Transport, Inc.	6. US EPA ID Number			
7. Transporter 2 Company Name	8. US EPA ID Number	L X	າການໂດຍ ເພື່ອ ກ່ຽວເຂດງອີກັດກວ	AME AND FOR THE SECOND
9. Designated Facility Name and Site Address Heritage Environmental Ser- 7901 West Morris Street	10. US EPA ID Number			Market Control
Indianapolis, IN 46231 11. US DOT Description (Including Proper Shipping Name,		12. Containers	13. V	14. Unit L. Waste No.
a Waste emulsified cutting	oil Non-regulated	Number Typ	e Quantity	WIVOI PRIVASOE COOE
a Made emaidified oddoring		0 0 1 1	12286	P SINE O N
b.		**		EPA WASTE CODE
en en en en en en en en en en en en en e		1 1/2		STATE
				EPÁ WASTE CODE
d.	Alan James			EPA WASTE CODE
제 : 22일 22일 (1) : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	**************************************			STATE
J. Additional Descriptions for Materials Listed Above	The second secon	MANAGEMENT OF THE PROPERTY OF	A A A S Review Company of the Compan	我们就要要 你就是这个的,这一个,我们就是一个人的,我们就是
3 (1) (NO) (D) (O37 - S; G; O1982		The second secon	。例识现以92 4	RAPER SECURITION
15 Special Handling Instructions and Additional Information If unable to deliver to deli	esignated TSD facility, r (314) 232-2285			
	The state of the s	UC# 5	18996	a transport policy of the control of the
If I am a large quantity generator, I certify that I have a	the contents of this consignment are fully and accurately by highway according to applicable international and nat it program in place to reduce the volume and toxicity of w rage, or disposal currently available to me which minimiz inimize my waste generation and select the best waster	conal government regulations raste generated to the degrees the present and future thr	s and applicable state re e I have determined to be eat to human health and	pe economically practicable and the three environment; OR, if I am a significant to the control of the environment; OR, if I am a significant to the environment; OR, if I am a significant to the environment; OR, if I am a significant to the environment; OR, if I am a significant to the environment; OR, if I am a significant to the environment to the env
Printed/Typed Name E Man & A A HICK	Signature Signature	1001	h	Month Day Y
17. Transporter 1 Acknowledgement of Receipt of Material	s Signature	:. (Month Day
Printed/Typed Name	100	n West	/ 	11115
18. Transporter 2 Acknowledgement of Receipt of Material Printed/Typed Name	Signature			Month Day
19. Discrepancy Indication Space				
	•	•		•
	b 🙃	, , , , , , , , , , , , , , , , , , ,		_
20. Designated Facility Owner or Operator: Certification of	receipt of hazardous materials covered by this manifest	except ag noted in Item 19.		Date Month Day

ATTACHMENT 7

NAME	EN	DEPT	95CRS	95DATE	JOB TITLE	BLDG	COMMENTS
HOSS, ROBERT	112098	164C	4500		SPRAY PAINTER	048	

2/27/98

LAST TRNG

			TRNG					
NAME	EN	DEPT	DATE	98CRS	97CRS	JOB TITLE	BLDG	COMMENTS
KASA, DALE	090305	283			R	TECH SPEC	042	
KOZLOWSKI, ROBERT	104632	283			R	SR PRINC TECHNICIAN	042	
LEBISH, EDWIN	129836	283			R	SR PRINC TECHNICIAN	042	
SUMMERS, TIM	404757	283			I	PRINC TECHNICIAN	042	
SWINEY, RONALD	090123	283			R	TECHNICIAN	042	
VAUGHN, MARTIN	404737	283			l	TECH SPEC	042	
WILKEN, KEITH	242849	283			1	TECHNICIAN	042	
BARNES, PHILLIP	225431	157B			I	SPRAY PAINTER	101	
BASSETT, BOB	224661	157B			R	SPRAY PAINTER	101	-
BELL, MELVIN	094983	157B			R	SPRAY PAINTER	101	
BELTER, MICHAEL	226259	157B			I	SPRAY PAINTER	101	
CLARK, WILLIE	117196	157B			R	SPRAY PAINTER	101	
CROSS, YVONNE	133500	157B			R	UTILITY WKR	101	
DION, VIRGIL	092307	157B			R	SPRAY PAINTER	101	
DISMUKES, CHARLES	134263	157B			R	UTILITY WKR	101	
GENTEMANN, BRAD	177106	157B			\mathbf{R}_{+}	SPRAY PAINTER	101	
GREEN, RICHARD	202606	157B		R	R	SPRAY PAINTER	101	
HANCOCK, JOHN	097684	157B			1	SPRAY PAINTER	101	
HEETER, KATHLEEN	191600	157B			R	SPRAY PAINTER	101	
JONES, FREDERICK	174318	157B			R	SPRAY PAINTER	101	· ·
JORDAN, CELESTINE	200093	157B			R	SPRAY PAINTER	101	
LINHARDT, CLARENCE	107769	157B			R	SPRAY PAINTER	101	
MAYFIELD, EDWARD	226207	157B			R	SPRAY PAINTER	101	
NAEGER, HERMAN	065999	157B			R	PLASTIC WKR	101	
OAKLEY, THOMAS	193847	157B			R	UTILITY WKR	101	
OLSON, MARK	205567	157B			R	SPRAY PAINTER	101	
POLYS, MICHAEL	224668	157B			R	SPRAY PAINTER	101	
RICHARDSON, K.P.	097652	157B			R	SPRAY PAINTER	101	
SCHOEN, MICHAEL	223673	157B			R	SPRAY PAINTER	101	
SIMMONS, WILLIAM	139738	157B			R	SPRAY PAINTER	101	

LAST TRNG

			THING.				
NAME	EN	<u>DEPT</u>	DATE 98CRS	97CRS	S JOB TITLE	BLDG	COMMENTS
WRIGHT, GUS	224729	157B	04/04/96 1	. [SPRAY PAINTER	101	
ANGEL, NORMAN	107449	157C		R	CHEM PROCESSOR	101	
KINMAN, KEVIN	200846	157C		R	PLATER	101	
PICKENS, JAMES	126034	157C		R	CHEM PROCESSOR	101	
TAYLOR, CAROL	226188	157C		l	CHEM PROCESSOR	101	
TERRY, EDWARD	135643	157C		R	PLATER	101	
WHITTAKER, MADONNA	204342	157C		R	PLATER	101	
FERNANDEZ, DAVID	217096	157D		R	SPRAY PAINTER	101	
PIWOWARCZYK, LARRY	226157	157D		1	SPRAY PAINTER	101	
SCHNEIDER, DOUG	224671	157D		R	SPRAY PAINTER	101	
JOHNS, GEORGE	132534	162	11/21/95	. I	CHEM PROCESSOR	027	
JOHNSON, CHARLES JOHNSON, LARRY	125172 223599	162 162	03/02/95 I None I	1	CHEM PROCESSOR	027	4 D D 400 H
STAUFFER, HAROLD	111570	162	02/15/95	R	CHEM PROCESSOR CHEM PROCESSOR	027 027	ADD 1097
STRANGE, DON	216117	162	02/28/95	1	SPRAY PAINTER	027	
TATE-PARSON, JEANNE	144870	162	None I	1	CHEM PROCESSOR	027	ADD 1097
TURNER, ANN	226142	162	10/12/95 1	ł	SPRAY PAINTER	027	
CRUMP, CHARLES	223972	164A		i	SMAR PAINT SHOP	002	
FIELDS, GEORGE	127436	164A		l	SMAR PAINT SHOP	002	
HONERKAMP, M.C.	127030	164A		l	MECH PAINT SHOP	002	
MADISON, EDWARD	064470	164A		. [SMAR PAINT SHOP	002	
PALMER, LORETTA	176276	164A		ı	SMAR PAINT SHOP	002	:
SCHUSTER, EDWIN	045581	164A		j	PLASTIC WKR	002	
WILLIAMS, CURTIS	174386	164A		1	SMAR PAINT SHOP	002	
WILSON, WALT	067318	164A		.: 1	SMAR PAINT SHOP	002	
ADAMS, ELLIOT	224707	164B		ı	SPRAY PAINTER	048	
AUSTIN, RON	095940	164B		1	SIGN PAINTER	002	
BOSWORTH, JEFF	226169	164B		i	SPRAY PAINTER	002	
BROOKS, JOHN	096049	164B		1	SPRAY PAINTER	002	
BUXTON, E.F.	105256	164B		ļ	SPRAY PAINTER	002	
CLARK, HERMAN	097452	164B		į	SPRAY PAINTER	. 002	

Page 2

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TRNG

			TRNG	•				
NAME	<u>EN</u>	DEPT	DATE	98CRS	97CRS	JOB TITLE	BLDG	<u>COMMENTS</u>
EBERT, ANTHONY	097574	164B			i	SPRAY PAINTER	002	
FRY, LARRY	096134	164B			1	SPRAY PAINTER	048	
FUSSELMAN, CRAIG	208842	164B			1	SPRAY PAINTER	048	
HOGSHEAD, DAVE	148228	164B			R	UTILITY WKR	048	
HUSKEY, PAUL	089888	164B			R	SPRAY PAINTER	002	
LIEU, DEWEY	053790	164B			l	SPRAY PAINTER	048	
NEAL, WILLIE	217198	164B			l	SPRAY PAINTER	048	
PICKETT, WALTER	216561	164B			l	SPRAY PAINTER	002	
REUTHER, KEVIN	223639	164B			l	SPRAY PAINTER	048	
RHODUS, VINCE	208846	164B			1	SPRAY PAINTER	048	
SHAWGO, GLENN	194157	164B			1	SIGN PAINTER	002	
TROLL, CHUCK	208995	164B			1	SPRAY PAINTER	002	
WILLIAMS, JERRY	097547	164B			1	SPRAY PAINTER	002	
WILSON, WILBUR	146534	164B			l	UTILITY WKR	048	
BALTHASAR, GREG	223528	164C			I	SPRAY PAINTER	048	
BRANNON, ROBERT	226296	164C			1	SPRAY PAINTER	048	
CANTER, JAMES	215656	164C			l	SPRAY PAINTER	048	
COLEMAN, RAMONT	208808	164C			1	SPRAY PAINTER	048	
COMBS, DARRIN	224833	164C			. 1	SPRAY PAINTER	048	
FERGUSON, SHERMAN	216568	164C				SPRAY PAINTER	048	:
GAEHLE, LARRY	216512	164C			1	SPRAY PAINTER	048	
HAM, LLOYD	224658	164C			1	SPRAY PAINTER	048	
HOSS, ROBERT	112098	164C			4	SPRAY PAINTER	048	
KERR, MIKE	201945	164C			1	SPRAY PAINTER	048	
LAUGHLIN, STUART	226911	164C			l	SPRAY PAINTER	048	
MAGUIRE, JERRY	177275	164C			1	SPRAY PAINTER	048	
MEYER, DAVE	173197	164C			1	SPRAY PAINTER	048	
PONDER, DAVID	209838	164C			1	SPRAY PAINTER	048	
PULCHER, DAN	201931	164C				SPRAY PAINTER	048	

3/2/98

LAST TRNG

NAME	EN	<u>DEPT</u>	DATE	<u>98CRS</u>	97CRS	JOB TITLE	BLDG	COMMENTS
SIMS, JEFF	187771	164C				SPRAY PAINTER	048	
WELBY, BOB	097585	164C			1.	SPRAY PAINTER	048	
AUBUCHON, PATRICK	276478	283			1	TECHNICIAN	042	
CONDERMAN, E.J.	170187	283 S918	3		I	ENGR MFG	042	
BELINA, RICK	257495	283W			R	PRINC TECHNICIAN	067	
SMITH, RENWICK	101068	283W			R	TECHNICIAN	066	
ATKINS, BERTRAM	191325	441A	02/03/98	22466	R	MAINT MECH	002	
BESS, ALAN	235238	441A		1	1	GROUP MGR FAC	002	ADD 1197
BOOKER, BILLY	193309	441A	None	i	1	MAINT WKR	002	LOA 0198
ENOCH, FANNIE	188175	441A	None	1	1	MAINT WKR	002	ADD 0597
ESTELLE, SAM	203414	441A	02/03/98	22466	1	MAINT MECH	002	ADD 0996 CARP
HAGER, BILL	177078	441A	02/03/98	22466	1	MAINT MECH	002	
HOCH, FRED	176333	441A	02/03/98	22466	i	MAINT MECH	002	
HOGE, DANNY	177117	441A	02/23/95	1	-1	MAINT MECH	002	
KACH, BRUCE	199621	441A		1	1	GROUP MGR FAC	002	ADD 1197
MASTERS, BOBBY	112259	441A	02/03/98	22466	1	MAINT MECH	002	
OVERMAN, RICHARD	084125	441A	02/17/95	i	R	MAINT MECH	002	
RUPPRECHT, RON	113797	441A	None	ı	1	MAINT MECHANIC	002	ADD 0997
SCHWADERER, DALE	195803	441A	02/03/98	22466	1	MAINT WKR	002	ADD 0597
SHANNON, MARK	740444	441A	11/11/95	1	I	MAINT PAINTER	002	ADD 0197
STROUD, JOHN	188435	441A	02/23/95	1	1	MAINT MECH	002	
WHITE, TOMMY	146146	441A	02/23/95	1	1	MAINT WKR	002	
WINSEL, THOMAS	177083	441A	02/25/98	22478	R	MAINT PAINTER	002	•
BLANKENSHIP, MICHAEL	223996	441B	02/03/98	22466	1	PIPEFITTER	040	HAZWOPER 1296
CIAMPOLI, TED	185459	441B	02/03/98	22466	1	GROUP MGR FAC	040	
FINLEY, LINZIE	083326	441B	03/29/96	R	R	MAINT WKR	045	
GILLESPIE, JOE	198344	441B	02/02/98	22478	R	MAINT PAINTER	045	
GREEN, CHRIS	189104	441B	None	1	1	MAINT WKR	040	ADD 0597
GRIMES, JEFFREY	195129	441B	03/29/96	R	R	MAINT WKR	045	
HARSZY, MARSHA	192873	441B	03/25/96	R	R	MAINT WKR	045	
HEIL, JIM	223973	441B	02/02/98	22478	R	PIPEFITTER	040	HAZWOPER 1296
HENDERSON, BRUCE	182353	441B	02/03/98		1	PIPEFITTER	040	ADD 0996 WELD
ISAAC, HAROLD	188644	441B	02/03/98		1	PIPEFITTER	040	
LADD, AUBREY	175467	441B	03/25/96		R	MAINT WKR	045	
MAXWELL, SCOTT	236853	441B	02/03/98		j	GROUP MGR FAC	045	ADD 0197

Page 4

LAST TRNG

NAME	EN	DEPT	DATE 98CRS	97CR	S JOB TITLE	BLDG	COMMENTS
RHODES, KIM	194388	441B	03/29/96 R	R	MAINT WKR	045	
WYLAND, JIM	194152	441B	02/02/98 22478	R	MAINT PAINTER	045	
BEAVER, JERRY	273515	441D	None I	I	PIPEFITTER	029	ADD 1097
BOWMAN, FLOYD	132280	441D	03/29/96 R	R	MAINT WKR	027	
DUNCAN, DAVID	741061	441D	1	ı	PIPEFITTER	027	ADD 1197
GLISPIE, TYRONE	187007	441D	11/09/95 R	R	MAINT WKR	027	
HARMAN, ED	218877	441D	02/12/98 22478	R	PIPEFITTER	029A	HAZWOPER 1296
HENKHAUS, VICTOR	263252	441D	None I	1	PIPEFITTER	029	ADD 0797
HOLM, TERRY	197487	441D	02/10/98 22466	1	MAINT WKR	029	ADD 0497
HOUSE-DOCKETT, PHYLLIS	217663	441D	None I	I	MAINT WKR	027	ADD 0897
HOWELL, JACK	193315	441D	02/10/98 22466	R	GROUP MGR FAC	029	HAZWOPER 1296
KEEVEN, GERALD	181635	441D	02/10/98 22466	1	PIPEFITTER	027	ADD 0996 WELD
KOCLANES, JAMES	170329	441D	05/22/96 R	R	MGR FAC	027	
MILLER, DON	147567	441D	1	1	PIPEFITTER	029A	ADD 1197
OWENS, LINALD	205983	441D	02/10/98 22466	1	MAINT WKR	027	ADD 0997
POTTS, LONNIE	174454	441D	12/04/96 R	R	PIPEFITTER	027	HAZWOPER 1296
RADAE, ALEX	224010	441D	12/04/96 R	R	PIPEFITTER	029A	HAZWOPER 1296
SCHUCHARDT, DONALD	092258	441D	02/10/98 22466	1	PIPEFITTER	029A	
SMITH, BRUCE	198166	441D	X	R	PIPEFITTER	027	REMV 0198
SPOONSTER, ROBERT	186216	441D	01/23/96 R	R	PIPEFITTER	029	
TEBEAU, THOMAS	121616	441D	01/23/96 R	R	GROUP MGR FAC	027	ADD 0197
WREATH, JOHN	225951	441D	12/03/96 R	. R	PIPEFITTER	027	HAZWOPER 1296
WRIGHT, JOHN	188146	441D	02/10/98 22466	R	MAINT MECH	027	
ARMSTRONG, MIKE	224782	442A	01/18/96 R	R	PIPEFITTER	101	·
FRISON, STERLING	228998	442A	l	l	GROUP MGR FAC	101	ADD 1197
JOHNSON, LEO	195905	442A	02/19/98 22466	I	MAINT MECH	101	ADD 0997
LEE, JAMES	209442	442A	None I	1	MAINT WKR	102	ADD 0997
NAES, JAMES	190412	442A	02/17/98 22466	Ì	MAINT MECH	064	ADD 0996 CARP
PATT, LARRY	198457	442A	11/26/96 R	R	MAINT PAINTER	101	
SIMON, GEORGE	206164	442A	02/19/98 22466	ı	MAINT WKR	064	ADD 0997
INDELICATO, JASPER	140077	442E	02/20/98 22478	R	MAINT WKR	072	
STRUENSE, DAVID	226247	442E	l	ı	MAINT PAINTER	245	ADD 1197
UTLEY, LEONARD	146561	442E	None I	ı	MAINT MECH	245	ADD 0996 CARP
ATKINS, DEBRA	217857	445B	02/19/98 22466	I	MAINT WKR	270	ADD 0897
AUSTIN, ALBERT SR.	169717	445B	02/13/98 22478	R	MAINT PAINTER	081	
CHAMBERS, GEORGE	740107	445B	02/03/98 22466	R	PIPEFITTER	598	

Page 5

LAST TRNG

NAME	EN	DEPT	DATE	98CRS	97CRS	JOB TITLE	BLDG	<u>COMMENTS</u>
CUBERO, CARLOS	273511	445B	None	1		PIPEFITTER	598	ADD 1097
GILL, RANDY	738560	445B	01/19/96	1	1	MAINT WKR	276	
HARMON, ROY	738329	445B	02/19/98	22466	i	MAINT MECH	598	
HIGGINS, EUGENE	273255	445B	02/10/98	22466	1	PIPEFITTER	270	ADD 0797
HUBBARD, RICHARD	739473	445B	02/03/98	22466	R	MAINT PAINTER	598	
HUDSON, JOHN	106956	445B	None	1	1	MAINT WKR	270	ADD 0996
IANNICOLA, JOHN	197211	445B	None	1	1	MAINT MECH	033	ADD 0996 CARP
JOHNSON, GREGORY	740479	445B	01/25/96	1	R	PIPEFITTER	598	
MATTERN, JOHN	195070	445B	01/23/96		R	MAINT PAINTER	033	
MULLEN, JAMES	273525	445B	02/03/98		1	PIPEFITTER	598	ADD 1097
MURPHY, HARRY	201806	445B	02/05/98		R	MAINT PAINTER	270	
PRICE, MICHAEL	739245	445B	05/23/96	R	R	GROUP MGR FAC	270	
RAMSEY, RICHARD	735804	445B	05/22/96	X	R	GROUP MGR FAC	598	REMV 0198 TO RETIRE 0398
SMITH, LAWRENCE	726224	445B	05/22/96	X	R	SPEC FAC	598	REMV 0198 PER M PRICE
GOODSON, BILLY	223739	446A		1	I	MAINT WKR	100	ADD 1197
NEWCOMB, RONALD	739379	446A	02/19/98	22466	1	MAINT MECH	100	ADD 0997
BECKMAN, DON	199851	448C	None	ı	I	MAINT WKR	500	ADD 0996
COOPER, CONNIE	191965	448C	None	l	l	MAINT WKR	500	ADD 0996
DIXON, JERRY	163083	448C	None	1	1	MAINT MECH	500	ADD 0996 CARP
GALLOWAY, RICK	174636	448C	None	1	1	MAINT MECH	500	ADD 0897
GILL, DENNIS	273256	448C	None	1	1	MAINT MECH	500	ADD 0897
HANKLEY, MARK	235208	448C	None	1	1	MAINT WKR	500	ADD 0996
HASQUIN, ALAN	202921	448C	None	1	1	MAINT MECH	500	ADD 0996 CARP
HOEFT, MILLIE	102181	448C	None	1	1	MAINT WKR	500	ADD 0996
HOWARD, ALLEN	198120	448C	None	1	1	MAINT WKR	500	ADD 1097
LEDERER, BILL	195874	448C	None	1	i	MAINT MECH	500	ADD 0197
MCGEE, ROBERT	157192	448C	03/16/95	5 1	1	GROUP MGR FAC	500	ADD 0996 CARP'S
MCGUIRE, ROBERT	202603	448C	None	1	ı	MAINT WKR	500	ADD 0597
PAULSON, MIKE	195885	448C	None	1	l	MAINT WKR	500	ADD 0996
PEEBLES, JAMES	140745	448C	None	1	l	MAINT MECH	500	ADD 0996 CARP
RHODES, DAVID	195665	448C	None	1	I	MAINT MECH	500	ADD 0197
RUSSELL, RICHARD	175358	448C	None	ļ	1	MAINT MECH	500	ADD 0996 CARP
SCHMITT, JOHN	126911	448C	None	1	1	MAINT MECH	500	ADD 0996 CARP
SCHULTE, FRANK	184883	448C	None	1	1	MAINT MECH	500	ADD 0996 CARP
SCOGGINS, CHRIS	273145	448C	None		gua	MAINT MECH	500	ADD 0697

Page 6 3/2/98

LAST TRNG

			TDIAG					
NAME	EN	<u>DEPT</u>	DATE	98CRS	97CRS	JOB TITLE	BLDG	<u>COMMENTS</u>
VOGLER, JOHN	195139	448C	None	1	1	MAINT MECH	500	ADD 0996 CARP
WAGENBLAST, REBECCA	233746	448C		1	l	MAINT WKR	500	ADD 1197
BENDER, JOHN	236030	448D	12/13/96	R	R	POWER HOUSE MECH	005	
GLASSCOCK, JAMES	191368	448D	None	!	1	POWER HOUSE MECH	101	ADD 1097
MEYER, KEITH	186171	448D	12/01/94	1	R	POWER HOUSE MECH	005	
ZEHNLE, JOSEPH	191368	448D	02/02/96	R	R	POWER HOUSE MECH	101	
								REPORTS TO 4/2A PER K
CLUBB, RANDY	198689	448E	11/22/93	i	1	MAINT PAINTER	006	MATTING LY
NICHOLS, WALTER	230266	448F	02/05/98	22478	R	AUTO MECHANIC	022	
SEITHEL, NORMAN	158188	448F	02/11/98	22466	R	AUTO MECHANIC	022	
WILLIAMS, JEROME	199651	448L	02/17/98	22466	I	MAINT WKR	121	ADD 0997

MEMORANDUM

064C-3736 file 1/3 20 Dec 95

Subject:

HAZARDOUS WASTE TRAINING, WINTER 1996 SCHEDULE

To:

Distribution List Addressees

Encl:

(1) Schedule of Classes

(2) Employee Training Status List (to Addressees supervising potential hazardous waste handlers)

Hazardous Waste Training will be available early next year as indicated on Encl (1).

Employees who handle hazardous waste on the job are required by federal and state environmental regulations to receive annual training in hazardous waste management. Environmental and Hazardous Materials Services (Dept. 064C) is responsible for providing this training.

Two courses are available: an introductory course for "new" hazardous waste handlers and for employees who have not been trained recently, and a refresher course for employees who need only a review of hazardous waste regulations and handling procedures. The classes listed on Encl (1) are intended for employees who were unable to attend a class in 1995 as well as for those who last attended a class in early 1995.

We are aware that the class times and locations shown on Encl (1) will not be convenient for all employees. We are anxious to accommodate the scheduling needs of employees who work at "remote" locations or have unusual working hours. Please remember that training can be provided in your work area if needed.

Encl (2) is provided to assist you in determining which of your employees may need Hazardous Waste Training and in selecting the appropriate course for each employee.

Please refer to the enclosures and contact me if you wish to schedule training or have any questions.

B. E. Perry

Environmental and

Barbara Perry

Hazardous Materials Services

Dept. 064C, Mailcode 1111099

ext. 41104

Concur: R. H. Kaatman, Manager

Environmental and

Hazardous Materials Services

Dept. 064C

HAZARDOUS WASTE TRAINING SCHEDULE

Employees meet their annual training requirement by attending one of the sessions listed below.

Course 22466 (introductory course)

Wednesday	24-Jan-96	Bldg. 2, Room 115K	7:05 - 8:05 am
Thursday	25-Jan-96	Bldg. 27, Room 220	7:05 - 8:05 am
•			
-			
Course 2247	8 (refresher co	ourse)	
Monday	8-Jan-96	Bldg. 2, Room 115K	7:05 - 7:35 am
Wednesday	10-Jan-96	Bldg. 27, Room 220	7:05 - 7:35 am
Friday .	19-Jan-96	Bldg. 2, Room 115K	7:05 - 7:35 am
Tuesday	23-Jan-96	Bldg. 27, Room 220	6:15 - 6:45 am
Tuesday	23-Jan-96	Bldg. 27, Room 220	7:05 - 7:35 am
Tuesday	30-Jan-96	Bldg. 27, Room 220	3:35 - 4:05 pm
Friday	2-Feb-96	Bldg. 2, Room 115K	4:35 - 5:05 pm

Advance scheduling is necessary to ensure that participants can be notified should last-minute schedule changes occur. To schedule employees for training, please contact Barbara Perry by calling ext. 41104, mailing a request to Mailcode 1111099, or faxing a request to ext. 47177. (Second and third shift supervisors wishing to schedule by phone may leave a message, indicating the number of employees and the training date preferred.)

If the classes listed above are inconvenient for employees (due to class location or meeting time), arrangements can be made to have training provided to employees in their work areas. A meeting room with an overhead projector and VHS VCR (for 22466 sessions) should be available. Contact Barbara Perry at ext. 41104 to make arrangements.

No classes have been scheduled for Bldg. 101 at this time, due to unavailability of training rooms there in early 1996. It is hoped that classes can be scheduled in Bldg. 101 in late February and early March. In the meantime, Tract II departments with meeting facilities available to them are welcome to arrange training for their employees if desired.

HAZARDOUS WASTE TRAINING STATUS AS OF 19 DECEMBER 1995 DEPARTMENTS 150H/164A/164B/164C

Course 22478 (refresher)		Course 22466 (introductory)			
recommended			recommended		
095940	R. Austin		224707		
223528	G. Balthasar		113119	P. Adams	
226169	J. Bosworth		227397	R. Borah	
226296	R. Brannon		096049	J. Brooks	
105256	E. Buxton		097452	Ḥ. Clark	
215656	J. Canter		224833	D. Combs	
208808	R. Coleman		223972	C. Crump	
097574	A. Ebert		127436	G. Fields	
216568	S. Ferguson		208842	C. Fusselman	
084352	T. Franklin		224658	L. Ham	
096134	L. Fry		127030	M. Honerkamp	
216512	L. Gaehle		112098	R. Hoss	
148228	D. Hogshead		064470	Ę. Madison	
089888	P. Huskey		173197	D. Meyer	
201945	M. Kerr		217198	W. Neal	
226911	S. Laughlin		176276	L. Palmer	
053790	D. Lieu		216561	W. Pickett	
224751	R. Linenfelser		201931	D. Pulcher	
177275	J. Maguire		223639	K. Reuther	
209838	D. Ponder		045581	E. Schuster	
208846	V. Rhodus		174386	C. Williams	
194157	G. Shawgo		097547	J. Williams	
187771	J. Sims		067318	W. Wilson	
208995	C. Troll			•	
097585	B. Welby				
146534	W. Wilson				

According to our records, the employees listed above are assigned to your department and need to participate in Hazardous Waste Training in early 1996 to maintain compliance with hazardous waste regulations.

Employees who will not be handling hazardous waste on the job are not required by law to receive training. If any of these employees fall into this category, please send a written notification to:

B. E. Perry Mailcode 1111099

or Fax 234-7177

The employee's name will then be removed from the Hazardous Waste Trainee list.

ATTACHMENT 8

WEEKLY TRACT I CONTAINER STORAGE FACILITY INSPECTION SUMMARY

TIME: 10:09 A.M. DATE: 2/26/98 INSPECTOR: ODELL McCOLLOUGH SIGNATURE: Odell M. Eollough					
	AREA 1		AREA 2		
	yes	no	yes	во	COMMENTS
Containment structures sound and free of corrosion	<u>/</u>				
2. Spill pallets for alkaline waste in good condition	_/			<u> </u>	
3. Pad free of cracks	<u> </u>				
4. Containers within spill containment and on skids	_/_		_/		
5. Containers in good condition			1 3	> 	
6. Containers sealed					
7. Proper containers	\triangle				
8. Area free of leaks or spills	<u>/</u>		<u> </u>		DRUM INVENTORY
9. Sumps empty					ARFA 1: SOLVENTS - 189 CORROSIVES - 54
10. Proper aisle space					
11. Incompatible waste separated	<u>/</u>				AREA 2: O
12. Proper labels			1		
13. Top of containers free of material	<u>/</u>		<u> </u>	*******	
14. Spill control equipment present	<u> </u>			********	
15. Empty drums stacked	<u>/</u>		<u>J</u>		
16. Good housekeeping ACTION TAKEN ON ALL DIS	 CREPANCIE:	<u></u>	<u> </u>		

WEEKLY TRACT I CONTAINER STORAGE FACILITY INSPECTION SUMMARY

10:35 A.M.

DATE: 2/19/98 INSPECTOR: 6DELL M.	- COLLOU	ı GH	•			
SIGNATURE: Olell MS	Ellong	h				
	AREA 1		AREA 2			
	yes	no	yes	no	COMMENTS	
1. Containment structures sound and free of corrosion	<u> </u>			•	[3.9. DRUM #A970213 (013) EXCEEDED 1 YEAR STORACE	
2. Spill pallets for alkaline waste in good	,		,		ON 2/18/98.	
condition 3. Pad free of cracks	<u></u>		<u> </u>			
4. Containers within spill containment and on skids	_/_		1			
5. Containers in good condition	<u> </u>	-	_/			
6. Containers scaled	<u> </u>		<u>/</u>			
7. Proper containers	<u> </u>				•	
8. Area free of leaks or spills	<u>/</u>		1		DRUM INVENTORY	
9. Sumps empty	<u> </u>	**************************************			AREA 1: SOLVENTS - 154 CORROSIVES - 54	
10. Proper aisle space			<u>/</u>		ARFA 2: O	
11. Incompatible waste separated		to an in the	<u> </u>		,	
12. Proper labels	<u>√</u>					
13. Top of containers free of material 13.9. < 1 YR. STERAGE 14. Spill control equipment	<u>/</u>	Z	1		·	
present 15. Empty drums stacked	<u> </u>		<u></u>			
16. Good housekeeping ACTION TAKEN ON ALL DISC	 CREPANCIE		1		1	
13a) Drum to 1.	Be ship 2-25-98		_	= AS So 2-20-	ow As it is Approved.	

ATTACHMENT 9

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ACCUMULATIVE CONTAINER LOG

	GEZ. AREA	GEZ. Dept	ж г.о	MATERIAL DESCRIPTION	EPA WASTE CODE	DATE TO STORAGE	MANIFEST NUMBER IN	100 E	9
226097	27	464C	014	H2SO4/SATAC	0002	08/06/1996	****	WIF	09/19/1997
770347	27	162	020	UMDM ALKALI LIQU	1	03/10/1997		STMM	08/19/1997
770592	27	4640	132	PWAT		04/14/1997		el T mm	10/28/1997
170794	N N		N/R	ORK SIDE ANTIFREEZE		05/09/1997		WWTP	11/17/1997
70929	27	4640	132	SUMP WATER	4	06/05/1997		dimm	10/28/1997
68604	24 8		025	SODIUM HYDR	02	06/18/1997	04217-0288	WWTF	08/19/1997
066024	248		016	HYDROCHLORI C ACTO	D2 27	06/18/1997	04217-0288	WWTF	08/19/1997
711395	248		ç-	1 ~ ~	D2 **	08/27/1997	04217-0293	WWTF	10/21/1997
771537	270		N/K	ETHYLENE GL		09/24/1997	01251-0345	WTP	11/17/1997
780346	506	ast t	048	ANTIFREEZE		02/25/1998	01110-0498	WWTP	02/27/1998
780347	506	445B	048	ANITFREEZE		02/25/1998	01110-0498	WWTF	02/26/1990
/803 4 8	506	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTF	02/27/1998
045084	508	445%	048	ANTIFREEZE		02/25/1998	01110-0498	MWTF	02/27/1998
780350	206	445E	040	ANTIFREEZE		02/25/1998	01110-0498	dim	02/27/1998
180321	506	445%	048	ANTIFREEZE		02/25/1998	01110-0498	elmm	02/27/1998
780352	599	445B	048	ANTIFREEZE		02/25/1998	01110-0498	wwTP	02/27/1998
780353	599	445B	048	ANTIFREEZE		02/25/1998	01110-0498	MWTP	02/27/1998
780354	599	445E	048	ANTIFREEZE		02/25/1998	01110-0498	WWTP	02/27/1998
780355	9 9 9	4458	048	ANTIFREEZE		02/25/1998	01110-0498	MWTP	02/26/1998
786356	299	445%	048	ANTIFREEZE		02/25/1998	01110-0498	WWTE	02/26/1998
280357	299	445B	048	ANTIFREEZE		02/25/1998	01110-0498	wwrr	02/26/1996

ACCUMULATIVE CONTAINER LOG

INT . 10	GEN. AREA	GEN. DEPT	OM G1	MATERIAL DESCRIPTION	EPA WASTE CODE	DATE TO STORAGE	MANIFEST NUMBER IN	TSDF ID	CONT. TREMOVED
70592	27	464C	132	SUMPWATER C		04/14/1997		WWTP	10/28/1997
770794	22		NZR	ORR SIDE ANTIFREEZE		05/09/1997		WWTP	11/17/1997
70929	27	464C	132	SUMP WATER		08/05/1997		www	10/28/1997
771395	248			SS BLU TNK POTASSIUM H	02) 5	08/27/1997	04217-0293	WWTP	10/21/1995
271537	270		NZR	YDROXIDE ETHYLENE GL	,	09/24/1997	01251-0345	WWTP	11/17/1997
780346	506	445B	048	YCOL ANTIFREEZE	· · · · · · · · · · · · · · · · · · ·	02/25/1998	01110-0498	WWTP"	02/27/1998
280347	506	445B	048	ANITFREEZE		02/25/1998	01110-0498	WWTP	02/26/1998
280348	506	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTP	02/27/1998
780349	506	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTP	02/27/1998
280350	506	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTP	02/27/1998
780351	506	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTF	02/27/1998
280352	599	445B	048	ANTIFREEZE		02/25/1998	01110-0493	WWTF	02/27/1990
780353	599	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTF ^o	02/27/199(
280354	599	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTP	02/27/1998
78035 4 ⊇80355	599	445B	048	ANTIFREEZE		02/25/1998	01110-0498	wwrp	02/26/199(
780355 780356	599	445B	048	ANTIFREEZE		02/25/1998	01110-0498	WWTF	02/26/1998
780350 780357	599	445B	048	ANTIFREEZE	- -	02/25/1998	01110-0498	WWTP	02/26/199(

ATTACHMENT 10



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
TREATMENT/STORAGE/DISPOSAL PERMITTED FACILITY CHECKLIST
MCDONNELL DOUGLAS-ST. LOUIS, INSPECTION RECORD AND
CHECKLIST

·						
McDonneil Douglas Corporation -	-Tract I	3-36-98 3-36-98	modecc 818963			
Lindbergh & McDonnell Blud.		RR NO. 0268-A	MO I.D. NUMBER			
Hazelwood	number employees	years at site ~ 60	(214) 933-944/			
FACILITY REPRESENTATIVE (S), TITLES (S) Too Hacke - Group Manager, Eminomoral & Mezardous Makerials Services Bryen Kury - Manager, Eminomoral & Hezardous Materials Services						
DATE(S) OF LAST INSPECTION(S)	DATE (S) OF LAST INSPECTION (S)					
LATITODE LONGITUDE DEG MIN SEC DEG MIN SEC						
DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT.						
<u> </u>						
Included in worther repor	+					
		•				
			•			
Waste Streams						
DESCRIBE EACH WASTE STREAM GENERATED INCLUDING THE PRODUCTION PROCESS	GENERATION RATE	epa ID Number	DISPOSITION			
Attached to report -						

A. GENERAL		
1. [3] REGISTERED AS A HW GENERATOR - Section 260.380.1(1) RSMO and 10 CSR 25-5.262(2)(A) Incorporating 40 CFR 262.12(a)	ecr	COMMENTS
2 PACILITY DETERMINES IF WASTE IS HAZARDOUS - 10 CSR 25-5.262(1) Incorporating 40 CFR 262.11	GGR	(also cited on Lab chukhist)
3. UTILIZES A LICENSED HAZARDOUS WASTE TRANSPORTER - Section 260.380.1(5) RSMo Incorporating 40 CFR 262.12(C)	egit	
4. F UTILIZES ADTHORIZED HW TSD OR RR FACILITY - Section 260.380.1(7) RSMo Incorporating 40 CFR 262.12(c)	GGR	
5. TFACTLITY DOES NOT OPERATE AS A TSD UNLESS PERMITTED/AUTHORIZED- Section 260.390(1) RSMo Incorporating 40 CFR 262.34(b)	GGR.	(also cited an LQG checklost)
B. LAND DISPOSAL RESTRICTIONS		
1. TESTS WASTE OR USES KNOWLEDGE OF WASTE TO DETERMINE IF THE WASTE IS RESTRICTED FROM LAND DISPOSAL - 10 CSR 25-7.268(1) Incorporating 40 CFR 268.7(2)	GLB	COMMENTS
2. Q DILUTION OF WASTE TO MEET LOR TREATMENT STANDARDS 15 NOT OCCURRING - 10 CSR 25-7.268(1) 15corporating 40 CFR 268.3(a)	GLB.	
3. F "LAND-BAN" NOTIFICATION, SENT WITH MANIFESTS AND RECORDS RETAINED ON-SITE - 10 CSR 25-7.268(1) Incorporating 40 CFR 268.7(b) AND 40 CFR 268.7(d)(3)	GLB.	
4. MOTIFICATION/CERTIFICATION INCLUDES CORRECT EPA HAZARDOUS WASTE NUMBER, CORRESPONDING TREATMENT STANDARDS, MANIFEST NUMBER, AND WASTE ANALYSIS DATA - 10 CSR 25-7.268(1) Incorporating 40 CFR 268.7(b)(4)	ŒLB	
5. Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 csr 25-7.268(1) Incorporating 40 cfr 268.7(b)(1),(2), and (3)	GTB	·
C. RESOURCE RECOVERY		
1. The restriction for legitimate reuse or reclamation of Halardous waste on-site - 10 CSR 25-9.020(1)(A)3	GOR	COMMENTS
2. STILL BOTTOMS OR RR RESIDUES DISPOSED OF PROPERLY - Section 260.380.1(7) RSMo	GOR	
3. FACILITY IS CLASSIFIED AS TO R1, OR R2 ACCURATELY - 10 CSR 25-9.020(3)(A)	GOR	
4. FACILITY MEETS THE OPERATING CONDITIONS OF CERTIFICATION - 10 CSR 25-9.020(3)(E)3	GOR	
5. FACILITY HAS SUBMITTED A WRITTEN REQUEST AND RECEIVED APPROVAL FROM THE DNR FOR ALL CHANGES IN OPERATION INCLUDING CLOSURE - 10 CSR 25-9.020(3)(E)1 and 2	GOR	Perchlorocathylune unit has been closed — notification not submitted to Hup

6. C	FACILITY REPORT SUBMITTED TO DNR QUARTERLY - 10 CSR 25-9.020(3) (E) 6 REFERENCING 10 CSR 25-7.264(2) (E) 3 AND 40 CFR 264.76 AS INCORPORATED IN 10 CSR 25-7.264	GOR	COMMENTS
7. d	FACILITY MAINTAINS A WRITTEN OPERATING RECORD - 10 CSR 25-9.020(3)(E)5 referencing 40 CFR 264.73(b)(1) 6 (2) as modified by 10 CSR 25-7.264(2)(E)2	GOR	
8.14	R2 FACILITY USES AN ADEQUATE SAMPLING AND ANALYSIS PLAN TO ASSESS INCOMING SHIPMENTS - 10 CSR 25-9.020 (3) (C)1	GOR	
9. 🗗	R2 FACILITY MAINTAINS A DAILY LOG OF MANIFEST NUMBER, WASTES RECEIVED, DISPOSITION OF WASTE AND CORRESPONDING SAMPLING DATA - 10 CSR 25-9.020(3)(C)2	GOR	
10. (R2 FACILITY HAS A WRITTEN CLOSURE PLAN WHICH MEETS 10 CSR 25-9.020(3)(C)3. referencing 10 CSR 25- 7.264(2)G.	gor	
11.	R2 FACILITY PROVIDES FINANCIAL ASSURANCE FOR CLOSURE - 10 CSR 25-9.020(3)(C)4	GOR	

TREATMENT/STORAGE/DISPOSAL

GENERAL	FACILITY STANDARD		
1. ,48	NOTICE OF HAZARDOUS WASTE SHIPMENT FROM FOREIGN SOURCE - 10 CSR 25 7.264(2)(B)1. and 40 CFR 264.12(a)	DGS	COMMENTS
2. 🗹	NOTICE OF PERMIT WHEN RECEIVING WASTE - 10 CSR 25-7.264(2)(B) and 40 CFR 264.12(b)	DGS	
3. 🗹	CHANGE OF OWNERSHIP - 10 CSR 25-7.264(2)(B)1. and 40 CFR 264.12(c)	DGS	
4. ੴ	COPY WASTE ANALYSIS PLAN ON SITE - 10 CSR 25-7.264(2)(B) and 40 CFR 264.13(a)(1)	DGS	
s. 🗹	PLAN UPDATED AND ANALYSIS REPEATED IF PROCESS(ES) CHANGE - 10 CSR 25-7.264(2)(B) and 40 CFR 264.13(a)(3)(I)	DGS	·
6. ☑	ANALYSIS REPEATED IF MANIFEST DISCREPANCY - 10 CSR 25-7.264(2)(B) and 40 CFR 264.13(a)(3)(ii)	DGS	
7. 🗹	PROCEDURES TO IDENTIFY WASTES ON SITE INCLUDING LEACHATE AND RUNOFF - 10 CSR 25-7.264(2)(B) and 40 CFR 264.13(b)	DGS	·
e. 🗹	PROCEDURES TO IDENTIFY WASTES FROM OFF SITE - 10 CSR 25-7.264(2)(B) and 40 CFR 264.13(c)	DGS	
9. d	WASTE ANALYSIS PLAN UP-TO-DATE - 10 CSR 25-7.264 (2) (B) and 40 CFR 264.13(a) (3)	DGS	
10. 덤	IDENTIFY HAZARDOUS WASTES HANDLED AT THE FACILITY INCLUDING LEACHATE AND RUNOFF 10 CSR 25-7.264(2)(B)2. and 40 CFR 264.13(b)	DGS	
11. d	MEANS TO CONFIRM OFF-SITE WASTES (MANIFEST DISCREPANCY) (AND RUN OFF - 10 CSR 25-7.264(2)(B) and 40 CFR 264.13(c)	DGS	

			
12. 🗹	24-HOUR SURVEILLANCE SYSTEM AT FACILITY - 10 CSR 25-7.264(2)(B) and 40 CFR 264.14(b)(1)	DGS	COMMENTS
13, 5	AN ARTIFICIAL OR NATURAL BOUNDARY/CONTROLLED ACCESS - 10 CSR 25-7.264(2)(B) and 40 CFR 264.14(b)(2)	DGS	
14. 🗹	RESTRICTED ACCESS SIGN POSTED AT EACH ENTRANCE AND AT OTHER LOCATIONS IN SUFFICIENT NUMBERS - 10 CSR 25-7.264(2)(B) and 40 CFR 264.14(c)	DGS	
15. 🗹	LEGIELE FROM A DISTANCE OF AT LEAST 25 FEET - 10 CSR 25-7.264(2)(B) and 40 CFR 264.14(c)	DGS	
16 🗆	FACILITY INSPECTED AND MAINTAINED - 10 CSR 25-7.264(2)(B) and 40 CFR 264.15(a)	DGS	Inadequate inspections conducted of sumps in Bidy 27 container storage weather
17. O	INSPECT EMERGENCY EQUIPMENT, SECURITY DEVICES, OPERATING AND STRUCTURAL EQUIPMENT - 10 CSR 25-7.264(2)(B) and 40 CFR 264.15(b)	DGS	
18. S	REMEDIED ANY DETERIORATED OR MALFUNCTIONING EQUIPMENT (CHECK EQUIPMENT) - 10 CSR 25-7.264(2)(B) and 40 CFR 264.15(4)(c)	DGS	(This was cited the LGG checklist for)
19. C	RECORDS OF INSPECTIONS AND REMEDIATIONS RETAINED FOR 3 YEARS - 10 CSR 25-7.264(2)(B) and 40 CFR 264.15(d)	DGS	
20. 🗹	COMPLETED CLASSROOM OR ON-THE-JOB TRAINING TO HANDLE EMERGENCIES - 10 CSR 25-7.264(2)(B) and 40 CFR 264.16(a)(1) 4 (3)	DGS	
-21. ☑	TRAINER QUALIFIED IN HAZARDOUS WASTE MANAGEMENT PROCEDURES DOCUMENTED - 10 CSR 25-7.264(2)(B) and 40 CFR 264.16(a)(2)	DGS	en general en en 1973 haddelde krieke krieke in dezember en ser war
22. 🗹	PERSONNEL COMPLETED THE TRAINING PROGRAM WITHIN SIX MONTHS OF EMPLOYMENT - 10 CSR 25-7.264(2)(B) AND 40 CFR 264.16(b)	DGS	
23.	ANNUAL REVIEW OF TRAINING - 10 CSR 25-7.264(2)(B) and 40 CFR 264.16(c)	DGS	
24. 🗹	JOB TITLE, DESCRIPTION, AND NAME OF PERSON FILLING POSITION - 10 CSR 25-7.264(2)(B) and 40 CFR 264.16(d)(1) £ (2)	DGS	
25. 🗹	CURRENT PERSONNEL WRITTEN RECORD OF THE TYPE AND AMOUNT OF TRAINING GIVEN - 10 CSR 25-7.264(2)(B) and 40 CFR 264.16(d)(4)	DGS	
26. 🗹	INTRODUCTORY AND CONTINUING TRAINING PROGRAM TO EACH PERSONNEL - 10 CSR 25-7.264(2)(B) AND 40 CFR 264.16(d)(3)	DGS	•
27. 🗹	RECORDS OF CURRENT PERSONNEL RETAINED UNTIL CLOSURE OF THE FACILITY; FORMER PERSONNEL'S RETAINED FOR 3 YEARS 10 CSR 25-7.264(2)(B) AND 40 CFR 264.16(e)	DGS	
28. 🗹	PRECAUTIONS TAKEN TO PREVENT ACCIDENTAL IGNITION "NO SMOKING" SIGNS CONSPICUOUSLY PLACED WHEREVER THERE IS A HAZARD FROM IGNITABLE OR REACTIVE WASTE - 10 CSR 25-7.264(2)(B) and 40 CFR 264.17(a)	DGS	
29. 🗹	PRECAUTIONS TAKEN TO PREVENT REACTION - 10 CSR 25-7.264(2)(B) and 40 CFR 264.17(b)	DGS	

30. DOCUMENTED METHODS USED TO PREVENT IGNITION OR REACTION - 10 CSR 25-7.264(2)(B) and 40 CFR 264.17(c)	DGS	COMMENTS
31. SEISMIC CONSIDERATION - 10 CSR 25-7.264(2)(B) and 40 CFR 264.18(a)	DGS	
PREPAREDNESS AND PREVENTION (GENERAL/STANDARD/SPECIAL) COND	ITION	,
1. FACILITIES MAINTAINED AND OPERATED TO MINIMIZE THE POSSIBILITY OF FIRE, EXPLOSION, OR RELEASE OF HAZARDOUS WASTE THAT COULD THREATEN HUMAN HEALTH OR ENVIRONMENT - 10 CSR 25-7.264(1) and 40 CFR 264.31.	DPP	COMMENTS
2. Internal communication or alarm system - 10 csr 25-7.264(1) and 40 cfr 264.32(a)	DPP	
3. DEVICE IN THE HAZARDOUS WASTE OPERATION AREA CAPABLE OF SUMMONING EMERGENCY ASSISTANCE - 10 CSR 25-7.264(1) and 40 CFR 264.32(b)	DPP	Facility has ousite free dept / emergency.
4. FIRE CONTROL, SPILL CONTROL, AND DECONTAM- INATION EQUIPMENT AVAILABLE - 10 CSR 25-7.264(1) and 40 CFR 264.32(c)	DPP	·
5. ADEQUATE WATER SUPPLY FOR FIRE CONTROL EQUIPMENT - 10 CSR 25-7.264(1) and 40 CFR 264.32(d)	DPP	
6. F ADEQUATE AND PROPER SAFETY EQUIPMENT, AVAILABLE AND READY - 10 CSR 25-7.264(1) and 40 CFR 264.33(a)	DPP	
7. Teach person in Hazardous waste area able to summon Help - 10 CSR 25-7.264(1) and 40 CFR 264.34	DPP	
8. ADEQUATE AISLE SPACE - 10 CSR 25-7.264(1) and 40 CFR 264.35	DPP	
9. ARRANGEMENTS WITH LOCAL EMERGENCY AGENCIES - 10 CSR 25-7.264(1) and 40 CFR 264.37	DPP	
10. AAS CONTINGENCY PLAN BEEN USED SUCCESSFULLY CARRIED OUT - 10 CSR 25-7.264(2)(D) and 40 CFR 264.51	DPP	
11. ARE FOLLOWING ITEMS UP-TO-DATE - 10 CSR 25-7.264(2)(D) and 40 CFR 264.52 (a) Detailed description of procedures that personnel must implement in response to fires, explosions, releases of hazardous waste 40 CFR 264.52(a) (b) Formal arrangements with emergency services 40 CFR 264.52(c) (c) Name, address, and phone numbers (home & office) of emergency coordinator(s) 40 CFR 264.52(d) (d) Emergency equipment including its description, location, and capabilities 40 CFR 264.52(e) (e) Evacuation plan 40 CFR 264.52(f)	DPP	
12. COPY OF THE CONTINGENCY PLAN AND ALL REVISIONS MAINTAINED AT SITE AND SUBMITTED TO ALL EMERGENCY RESPONSE TEAMS - 10 CSR 25-7.264(2)(D) and 40 CFR 264.53	DPP	
13. CONTINGENCY PLAN NEED AMENDMENTS MADE AS NECESSARY - 10 CSR 25-7.264(2)(D) and 40 CFR 264.54	DPP	

14. EMERGENCY COORDINATOR IS FAMILIAR WITH THE CONTINGENCY PLAN THOROUGHLY AND CAN COMMIT RESOURCES IN AN EMERGENCY - 10 CSR 25-7.264(2)(D) and 40 CFR 264.55		COMMENT
EMERGENCY COORDINATOR CAN EXPLAIN HIS RESPONSIBILITY IN EMERGENCY SITUATIONS (Use the exit interview to ask specific questions about specific questions about possible emergencies at site - 10 CSR 25-7.264(2)(D) and 40 CFR 264.56	DPP	
		·
MANIFEST SYSTEM (GENERAL/STANDARD/SPECIAL) CONDITION		
1. MANIFESTS SIGNED BY GENERATOR/TRANSPORTER/TSD AND DATED - 10 CSR 25-7.264(2)(E) and 40 CFR 264.71(a)(1)	DMR	COMMENTS
2. MANIFEST INFORMATION MAINTAINED IN THE OPERATING RECORD - 10 CSR 25-7.264(2)(E)2.A.	DMR '	
3. OPERATING RECORDS MAINTAINED ON-SITE - 10 CSR 25-7.264(E)2. AND 40 CFR 264.73(a)	DMR	
OPERATING RECORDS RECORDED AS THEY BECOME AVAILABLE. AND MUST INCLUDE AT LEAST: a. Description, quantity and TSD process for all hazardous wastes - 10 CSR 25-7.264(2) (E)2. AND 40 CFR 264.73 (b) (1) b. Location and quantity for all hazardous wastes including cross-references to Specified manifest document number - 10 CSR 25-7.264(2) (E)2. and 40 CFR 264.73 (b) (2) c. Waste analysis records from off-site sources - 10 CSR 25-7.264(2) (E)2. and 40 CFR 264.73 (b) (3) d. Summary and description of emergency incidents - 10 CSR 25-7.264(2) (E)2. and 40 CFR 264.73 (b) (4) e. Record of inspections - 10 CSR 25-7.264 (2) (E)2. and 40 CFR 264.73 (b) (5) f. Monitoring and testing and analytical results on-site if necessary - 10 CSR 25-7.264(2) (E)2. and 40 CFR 264.73 (b) (6) g. Certification of hazardous waste volume and toxicity reduction/minimization at least annually - 10 CSR 25-7.264(2) (E)2. and 40 CFR 264.73 (b) (9)	DMR	Computenzed waste tracking system
5. SIGNIFICANT MANIFEST DISCREPANCIES ARE NOTED ON THE MANIFEST) - 10 CSR 25-7.264 and 40 CFR 264.71(a) (2)	DMR	
6. D DISCREPANCIES ARE RECONCILED WITHIN 15 DAYS OTHERWISE DISCREPANCIES ARE REPORTED TO REGIONAL ADMINISTRATOR - 10 CSR 25-7.264(2)(E) and 40 CFR 264.72(b)	DMR	
7. COPY TO TRANSPORTER IMMEDIATELY - 10 CSR 25-7.264(2)(E) and 40 CFR 264.71(a)(3)	DMR	
8. C COPY TO GENERATOR IN 30 DAYS - 10 CSR 25-7.264(2)(E) and 40 CFR 264.71(a)(4)	DMR	
9. PRECORDS ARE KEPT AND AVAILABLE FOR INSPECTION 10 CSR 25-5.264(2)(E) and 40 CFR 264.74(a)	DMR	
10. BIENNIAL FACILITY REPORTS SUBMITTED - 10 CSR 25-5.264(2)(E) and 40 CFR 264.75	DMR	Crost checked)

11. [5	UNMANIFESTED WASTE REPORTS FOR OFF-SITE FACILITIES ON-SITE/SUBMITTED - 10 CSR 25-5.264(2)(E) and 40 CFR 264.76	DMR	COMMENTS
12. 🗹	REPORTS FOR EMERGENCIES, SPILLS, CLOSURE ON- SITE/SUBMITTED - 10 CSR 25-5.264(2)(E) and 40 CFR 264.77	DMR	

GROUNDWATER MONITORING

MONIT	MONITORING WELL CONSTRUCTION					
1.*/	A	PLEASE DESCRIBE THE CASING MATERIAL AND WELL DIAMETERS AND LOCATIONS IF DIFFERENT THAN DESCRIBED IN THE PERMIT APPLICATION:	DGW	Facility does not have groundwater monitoring program.		
2.	0	DESCRIBE THE CONDITION AND TYPE OF PROTECTIVE CASING IN THE MONITORING WELLS IF DIFFERENT THAN DESCRIBED IN THE PERMIT APPLICATION (IF DAMAGE HAS OCCURRED, HAS MONR BEEN NOTIFIED):	DGW1			
3.		DESCRIBE THE SECURITY MEASURES COMPLETED TO PROTECT THE WELLS FROM OUTSIDE INFLUENCES IF DIFFERENT THAN DESCRIBED IN THE PERMIT APPLICATION (IF DAMAGED/MISSING, HAS MONR BEEN NOTIFIED):				
			DGW			
4.	0	THE WELLS APPEAR STRUCTURALLY SOUND AND THERE IS NO FAILURE IN THE INTEGRITY. YES NO UNENOWN	DG#			
5.	þ	THE WELLS APPEAR TIGHTLY SEALED AT THE SURFACE AND NO PATHWAYS EXIST FOR SURFACE WATER TO LEAK INTO THE WELLS. YES NO UNKNOWN	DG₩	•		
6.	6	HAVE RECORDS BEEN KEPT OF ANALYSES OF GROUND AND SURFACE WATER SAMPLING? YES NO UNRNOWN	DGW			
7.	P	HAVE THESE RECORDS BEEN SUBMITTED TO EPA/DNR? YES NO UNKNOWN	DGW			

8.	CAN PERSONNEL IDENTIFY SURFACE WATER SAMPLING POINTS OR DIRECTION OF DRAINAGE?	DGW	COMMENTS
CLOSURE	AND POST-CLOSURE (GENERAL/STANDARD/SPECIAL) CONDITION	I.	
1. 🗹	CLOSURE COST ESTIMATES ARE UP-TO-DATE AND RETAINED ON-SITE - 10 CSR 25-7.264(2)(G) and 40 CFR 264.142(d)	DCL	COMMENTS
2.	CLOSURE COST ESTIMATE IS EQUAL TO THE MAXIMUM COST OF CLOSING THE FACILITY - 10 CSR 25-7.264(2)(G) AND 40 CFR 264.142(a)(1)	DCL	closure cost estimate must be
3. E	CLOSURE COST ESTIMATE IS BASED ON THE COST OF HIRING A THIRD PARTY TO CLOSE THE FACILITY - 10 CSR 25-7.264(2)(G) AND 40 CFR 264.142(a)(2)	DCI.	recalculated & submitted to How annually by 3/1 of each year.
4. □ **	CLOSURE COST ESTIMATE IS ADJUSTED FOR INFLATION WITHIN 60 DAYS PRIOR TO ANNIVERSARY DATE - 10 CSR 25-7.264(2)(G) AND 40 CFR 264.142(c)	DCIL	Citel as failure to comply with permit conditions (Gen. Permit condition II.C)
5. 🗹	POST-CLOSURE COST ESTIMATES ARE UP-TO-DATE - 10 CSR 25-7.264(2)(G) AND 40 CFR 264.145	DCL	
6. E	FINANCIAL ASSURANCE MATCHES MOST RECENT CLOSURE COST ESTIMATE - 10 CSR 25-7.264(2)(G) and 40 CFR 264.143	DCL	·.
7. 🗹	LIABILITY REQUIREMENTS ARE UP-TO-DATE - 10 CSR 25-7.264(2)(G) and 40 CFR 264.147	DCL	en en en en en en en en en en en en en e
USE AND 1	CANAGEMENT OF CONTAINERS (GENERAL/STANDARD/SPECIAL) CON	OITION	•
1.	CONTAINERS IN GOOD CONDITION - 10 CSR 25-7.264(2)(I) and 40 CFR 264.171	DMC	COMMENTS
2. 🗹	CONTAÎNERS MARKED AND LABELED PER D.O.T. DURING THE ENTIRE STORAGE PERIOD - 10 CSR 25-7.264(2)(I)2, 10 CSR 25-5.262(2)(C), AND 40 CFR 262 SUBPART C	DMC	
3. e	CONTAINERS DO NOT CONTAIN FREE LIQUIDS AND NEED NOT HAVE A CONTAINMENT SYSTEM - 10 CSR 25- 7.264(2)(I) AND 40 CFR 264.175(a)	DMC	
4. 🗹	SPILLS OR LEAKS ARE REMOVED AS SOON AS POSSIBLE - 10 CSR 25-7.264(2)(I) AND 40 CFR 264.175(b)(5)	DMC	
5. 🗹	CONTAINERS MADE OF MATERIALS COMPATIBLE WITH HAZARDOUS WASTES PLACED IN THEM - 10 CSR 25-7.264(2)(I) and 40 CFR 264.172	DMC	
6. ජ	CONTAINERS ARE CLOSED DURING STORAGE EXCEPT TO ADD OR REMOVE WASTES- 10 CSR 25-7.264(2)(I) and 40 CFR 264.173(a)	DMC	
7. 🗹	HANDLING THAT MAY THREATEN THE INTEGRITY OF THE CONTAINERS - 10 CSR 25-7.264(2)(I) and 40 CFR 264.173(b)	DMC	
8. 🗹	HAZARDOUS WASTE CONTAINERS STORAGE AREA INSPECTED ONCE A WEEK AND INSPECTION LOG COMPLETED - 10 CSR 25-7.264(2)(I) and 40 CFR 264.174	DMC	

9. CONTAINMENT FREE OF CRACKS - 10 CSR 25-7.264(2)(I) and 40 CFR 264.175(b)(1)	DMC	COMMENTS
10. CONTAINMENT SLOPED OR DESIGNED TO PROTECT CONTAINERS FROM CONTACT WITH ACCUMULATED LIQUIDS - 10 CSR 25-7.264(2)(I) and 40 CFR 264.175(b)(2)	DMC	
11. RUN-ON PREVENTED - 10 CSR 25-7.264(2)(I) and 40 CFR 264.175(b)(4)	DMC	sunp in oil (solvent area collects unter them subsurface)
12. IGNITABLE OR REACTIVE WASTE AT LEAST 50 FT. FROM PROPERTY LINE - 10 CSR 25-7.264(2)(I)5. and 40 CFR 264.176	DMC	
13. S INCOMPATIBLE WASTES PLACED IN DIFFERENT CONTAINERS - 10 CSR 25-7.264(2)(I) and 40 CFR 264.177	DMC	
14. [] CONTAINERS HOLDING INCOMPATIBLE WASTES SEPARATED BY DIKES, OR WALLS - 10 CSR 25-7.264(2)(I) and 40 CFR 264.177(c)	DMC	

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CHECKLIST KEY			
Check the d if in cor	mlianes		
Check the Li ii in cor	mbrrance	• .	
Circle the if not	in compliance		
N/A = Not Applicable			
A shaded item is a se	rious deviation from	the requirements (Class I vi	olation)
An unshaded item is a conditions warrant Cl		on from the requirements (Cla	ss II violation unless
COMMENTS: INCLUDE DIS	CUSSION OF FACILITY'	s waste minimization plan	•
	Include d	in written report	
Check all Potential	Multi-Media Violatio	ons and Impacts (Specify and C	omment Below if Possible)
	APC		PDW
OFugitive Dust OParticulate OBurning Oother	□Asbestos □Odors □Toxics	□Taste & Odors □Bacteria □Pressure □Other	OColor OFlow OToxics
	SWM		НW
Open Dumps OLittering OWaste Tire Dump	□sLF □other	□Transportation □Generators □Sm. Qty. Gen. □Other	□TSD □UST's/LUST's □Used Oil
		WPC	
OAnimal Waste OSludge OTreatment Plant Oper	□st	awdust torm water ingle Family	□Bypassing □Ground Water □Other

INSPECTOR'S SIGNATURE

DATE

3-2-18



MO 780-1525 (9-97)

MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM LARGE QUANTITY GENERATOR

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LOG PAGE 1 OF 8

INSPECTION RECOR					LQG-INSP
FOR FACILITIES THAT GENERATE/AC	CUMULATE > 1000 Kg (2,200	lbs. or appro	ximately 5 drum	is)	
Mc Downell Douglas C		LOATE	26-48/3-2~	COA 400 A M 41 40 000	818 963
Lindbergh & Mc Donne	11 Blud.	RR NO	7-83E	MO ID NUMBER	01
Hazelwood	COUNTY St-Low is	# OF EMPLOYE # 10,000			
FACILITY REPRESENTATIVE(S), TITLE(S) Joe Haake - Group Manager, E	Environmental & Hazurdous M			•	
DATE(S) OF LAST INSPECTION(S) H-17-96		-			
LATITUDE		ONGITUDE			
DEG MIN DESCRIPTION OF THE FACILITY'S OP			DEG MIN	N SEC	_ ' (
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	<i>,</i>	· ·	*		***
			•	·	
			78.62		
I	welvded in writter	u report			
		w 4			
				-	·
WASTE STREAMS					
	TE STREAM GENERATED ODUCTION PROCESS		GENERATION RATE	EPA WASTE CODE(S)	DISPOSITION
1.					-
2.					/
3. Included in wa	itten report —				
4.					
5.	,				

	r		
Registered as a hazardous waste generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A).	1	GGR	
Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CR 262.11.	1	GGR	tracked in MUTP - Just analyzed for pit &
Utilizes a licensed hazardous waste transporter - Section 260.380.1(5) RSMo.	1	GGR	Floshquisut
Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo.	1	GGR	
Facility does not operate as a TSD - Section 260.390(1) RSMo.	1	GGR	Storage > 90 days Trentment w/o a permit in worth.
PART 1: WALK-THROUG	AH IN	SPEC	TION
PRETRANSPORT, CONTAINERIZATION & STORAGE			
Storage does not exceed 90 days or 180/270 days if facility generates < 1000 Kg/month - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a).	1	GPT	-> residue/debitis COMMENTS Closerud in 2 yrd3 dumpsters
Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.171.	1	GPT	Checimp in a grd > competer >
Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.172.	1	GPT	
Containers closed in storage - 10 CSR 25-5.262(1) incorporating 49 CFR 262.34(a)(1) referencing 40 CFR 265.173(a).	1	GPT	styller drums with Funnels in printarens
Containers storing incompatible waste separated or protected from each other by a dike, berm or wall - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.177(c).	1	GPT	
Container storage areas have a containment system if holding more than 1000 Kg of liquid hazardous waste - 10 CSR 25-5.262(2)(C)2.D(I).	1	GOR	BLLS 40 5 51 490 storage shods -
The state of the s	2	GOR	No cracks Noted, however floor of steamy ale businested. Cited for fully to servedy determination of containment system
Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.D(III)(b).	2	GOR	containment system La 10 CSR 25-5,262(2)(C) d.C. (II
Capacity of containment system = 10% of waste volume or volume of largest container, whichever is greater - 10 CSR 25-5.262(2)(C)2.D(III)(c).	2	GOR	
Run-on onto the containment system is prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.D(III)(d).	2	GOR	
Accumulated liquids removed to prevent overflow of containment - 10 CSR 25-5.262(2)(C)2.D(III)(e).	2	GOR	
Containers of ignitable or reactive waste stored 50 ft. from property line (or meet requirements) - 10 CSR 25-5.262(2)(C)6 referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265(2)(I)7 and 8.	2	GPT	
Containers clearly marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3).	2	GPT	·
Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5.262(2)(C)1.	2	GPT	
Date of accumulation marked on containers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2).	2	GPT	
Facility inspected and maintained (weekly) - 10 CSR 25-5.262(2)(C)2.C(I) and (II) referencing 40 CFR 265.174.	2	GPT	Inalegade inspections of sumps in permitted area cited under 40 CPR aly. 15(a) (150 checklist)
Daily inspection of areas subject to spills, i.e., waste handling areas - 10 CSR 25-5.262(2)(C)2.C(II) referencing 40 CFR 265-195) . 2.65 . 174	2	GOR	h .
Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.35.	2	GPT	Pundequity mispections of Bildy 14 studge rolloff conducted
Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33.	2	GPT	
10 CSR 25-5.262(2)(C)2.F(II).	2	GOR	-> Bilg 40 / Bilg 57 < 40 storge sheds
SATELLITE ACCUMULATION ,		7	
Containers kept closed - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173(a).	1	GPT	55 gallow drams in paint enes (oil, d, 27, 48) COMMENTS
	and 10 CSR 25-5.262 (2)(A). Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CR 262.11. Utilizes a licensed hazardous waste transporter - Section 260.380.1(5) RSMo. Utilizes a a licensed hazardous waste transporter - Section 260.380.1(7) RSMo. Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo. PART 1: WALK-THROUGH	Registered as a hazardous waste generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A). Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CR 262.11. Utilizes a licensed hazardous waste transporter - Section 260.380.1(5) 1 RSMo. Utilizes a uthorized HW TSD or RR facility - Section 260.380.1(7) RSMo. Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo. PART 1: WALK-THROUGH IN PART 1: WALK-TH	Registered as a hazardous waste generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A). Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 1 GGR 40 CR 262.11. Utilizes a licensed hazardous waste transporter - Section 260.380.1(5) 1 GGR RSMo. Utilizes a uthorized HW TSD or RR facility - Section 260.380.1(7) RSMo. 1 GGR PART 1: WALK-THROUGH INSPECT PART

				•			
2.	Containers in good condition CFR 262.34(c)(1)(i) referencing	n - 10 CSR 25-5.262(1) in 40 CFR 265.171.	corporating 40	1	GPT	COMMENTS	
3. 1	Waste compatible with contain CFR 262.34(c)(1)(i) referencing	ner - 10 CSR 25-5.262(1) ir 40 CFR 265.172.	ncorporating 40	1	GPT		
4. 1	Quantitles accumulated not hazardous wastes) - 10 C: 262.34(c)(1).	exceeding 55 gal. (1 qua SR 25-5.262(1) incorpora	art of acutely- ating 40 CFR	1	GPT		
5. (Satellite containers go to stor 5.262(1) incorporating 40 CFR 2	age within 3 days of filling 262.34(c)(2).	g - 10 CSR 25-	1	GPT		
6. [Container marked identifying 25-5.262(1) incorporating 40 CF 25-5.262(2)(C)3.	contents and beginning of R 262.34(c)(1)(ii) as amend	date - 10 CSR ded by 10 CSR	2	GOR		
7. [Stored in satellite areas less t	han 1 year - 10 CSR 25-5.:	262(2)(C)3.	2	GOR		
D.	PREPAREDNESS AND PREVE	ENTION AND EMERGE	NCY PROCEE	URE	S		
1. [Facility operated and maintal emergency - 10 CSR 25-5.26 referencing 40 CFR 265.31.	ined to minimize the pos 62(1) incorporating 40 CFI	ssibility of an R 262.34(a)(4)	1	GPT	COMMENTS	ŗ
2. (Adequate and proper spill equipment available (fire bla etc.) 10 CSR 25-5.262(1) incor 40 CFR 265.32 as amended by	nkets, respirators, SCBA porating 40 CFR 262 34(a)	, absorbents,	2	GPT	McDonnell Douglas Corp. has in- fire Dept & hez. materials response	house c units
3. [Adequate water supply and fire incorporating 40 CFR 262.34(a)(e control equipment - 10 C (4) referencing 40 CFR 265.	SR 25-5.262(1) 32(c) & (d).	2	GPT		
4. [Device in the hazardous waste emergency assistance - 10 262.34(a)(4) referencing 40 CFF	CSR 25-5.262(1) incorpor	of summfoning ating 40 CFR	2	GPT		
5. [Telephone or two-way radio o fire or police department - 10 262.34(a)(4) referencing 40 CFF	CSR 25-5.262(1) incorno	moning local rating 40 CFR	2	GPT		
6. [Communication and emergen 10 CSR 25-5.262(1) incorporat CFR 265.33.	cy equipment tested and ling 40 CFR 262.34(a)(4)	maintained - referencing 40	2.	GPT		
E.	LQG TANKS						
Ε.	LQG TANKS TANK DESIGNATION	CONTENTS	CAPA	CITY		CONTAINMENT	AGE
1.		CONTENTS	CAPA	CITY			
	TANK DESIGNATION	CONTENTS		CITY			
1.	No hazardous	winste storage IN tanks (1803, HI 1850 gallow	taks.	ed to		containment e waste within hydroflouric acid, u	AGE
1.	No hazardous	winste storage in tanks (#12,1413,1414 fanks (\$50 gallow Jamegy in which	taks.) are use	ed to	Ster	containment e west with hydroflouric acid, a	AGE
1. 2. 3.	TANK DESIGNATION No hazardous * Bldy 52 acid 15 sent to	tinste storage in tanks (1851 gallow Jamegy in whicher 10,000-1016	triks.) are use glow, mo	ed to	se a	containment e waste within hydroflouric acid, u	AGE
1. 2. 3. 4.	TANK DESIGNATION No hazardous * Bldy 52 acid 15 sent to	timbe storage in this, the google with the google with the top in white to, come to the the the the the the the the the the	are used to Texas for	ed to	se a	e weste withe hydroflourix acid, us an impredient.	AGE
1. 2. 3. 4.	TANK DESIGNATION No hazardovis ** Bldy 52 acid 15 sent to Sent to R ** Spill prevention controls in pla discount couplings - 10 C: 262.34(a)(1) referencing 40 CFR	Tanks (HIP (Hao) Jamey in which Tanks (HIP (Hao) June ids Munimum in 1265.194(b)(1). In place and operating e.g. che etc 10 CSR 25-5 282(1) in	tanks.) are use of the stand	ed to	ore w	CONTAINMENT e waste niture hydroflourix acid, a an impredient: aste sodium by droxide, wheh i	AGE
1. 2. 3. 4. 5.	TANK DESIGNATION No hazardous * Bly 53 acid Is sent to Sout to Re Spill prevention controls in pla discount couplings - 10 Ci 262.34(a)(1) referencing 40 CFR Overfill prevention controls in alarms, automatic feed cutoff, of CFR 262.34(a)(1) referencing 40	Tanks (HI9/H20) Tanks (HI9/H20	Are used of Texas for ck valves, dry ting 40 CFR	ed to	GPT	CONTAINMENT e waste niture hydroflourix acid, a an impredient: aste sodium by droxide, wheh i	AGE
1. 2. 3. 4. 5. 1.12. 2. C	TANK DESIGNATION No hazardesis The Bldy 52 acid The Spill prevention controls in pla discount couplings - 10 Cs 262.34(a)(1) referencing 40 CFR Overfill prevention controls in alarms, automatic feed cutoff, of CFR 262.34(a)(1) referencing 40 Sufficient freeboard in uncover CSR 25-5.262(1) incorporating 40 265.194(b)(3).	Tarrey in which the fact of the start of the	ck valves, dry ting 40 CFR g. high level corporating 40 ertopping - 10 encing 40 CFR	o str	GPT	CONTAINMENT e waste niture hydroflourix acid, a an impredient: aste sodium by droxide, wheh i	AGE
1. 2. 3. 4. 5. 1. 1. 2. 5. 3. C	TANK DESIGNATION The hazerdous is the blad 5d, acid Is sent to Spill prevention controls in pladiscount couplings - 10 Ct 262.34(a)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 262.34(a)(1) referencing 40 CFR 265.194(b)(3). Waste or treatment method co incorporating 40 CFR 262.34(a)(1) Waste or treatment method co incorporating 40 CFR 262.34(a)(a)(a)	times (#13, #13, #14 (#50 gallow Tarregy in within 10,000 gallow 10,00	ck valves, dry ating 40 CFR g. high level corporating 40 cropping - 10 ancing 40 CFR GR 25-5.262(1) 194(a).	1 1	GPT GPT	CONTAINMENT e waste niture hydroflourix acid, a an impredient: aste sodium by droxide, wheh i	AGE
1. 2. 3. 4. 5. 1. 1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	TANK DESIGNATION The hazardous of the Bldy 52 acid Is sent to Spill prevention controls in pla discount couplings - 10 Cs 262.34(a)(1) referencing 40 CFR Overfill prevention controls in alarms, automatic feed cutoff, CFR 262.34(a)(1) referencing 40 Sufficient freeboard in uncove CSR 25-5.262(1) incorporating acid 265.194(b)(3). Waste or treatment method co incorporating 40 CFR 262.34(a)(a) Incompatible wastes not plac incorporating 40 CFR 262.34(a)(a)	tanks (#19/Hao) Tarregy in within Tarregy in within 10,000-jalle Tarregy in within 10,000-jalle Tarregy in within 10,000-jalle 10,000-	ck valves, dry ting 40 CFR g. high level corporating 40 cropping - 10 incing 40 CFR GR 25-5.262(1) 194(a). GR 25-5.262(1) 199(a).	ter vo	GPT GPT	CONTAINMENT e waste niture hydroflourix acid, a an impredient: aste sodium by droxide, wheh i	AGE

<u>_</u>		_		
8. 🔾	Volatiles with vapor pressure > 78 mm @ 25° C not placed in open tanks - 10 CSR 25-5.262(2)(C)2.F.(I).	1	GOR	COMMENTS
9. 🗆	Wastes and residues removed as hazardous waste and tank and equipment decontaminated upon closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.197(a).	1	GPT	
10. 🗆	Secondary containment system provided for tanks and equipment; installed after July 14, 1986; storing dioxin waste; over 15 years old; of unknown age in facility over 15 years old; repaired, replaced or reinstalled after July 14, 1986 - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(a).	1	GPT	
11.	Secondary containment system constructed of or lined with waste compatible material of sufficient strength and thickness - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(1).	2	GPT	
12.	Containment system supported by base capable of preventing failure due to settlement, compression or uplift - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(2).	2	GPT	
13.	Containment system provided with a leak detection system capable of detecting a release within 24 hours - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(3).	2	GPT	,
14.	Containment system sloped or designed to drain and remove liquids - 10 CSR 25-5.262(2)(C)2.E referencing 10 CSR 25-5.262(2)(C)2.D (III)(b).	2	GOR	
15.	Containment system capable of containing 100% of the capacity of the largest tank - 10 CSR 25-5.262(2)(C)2.E referencing 10 CSR 25-5.262(2)(C)2.D (III)(c).	2	GOR	•
16. 🛈	Containment system free of cracks or gaps - 10 CSR 25-5.262(2)(C)2.E referencing 10 CSR 25-5.262(2)(C)2.D (III)(a).	2	GOR	
17.	Run-on onto containment system prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.E referencing 10 CSR 25-5.262(2)(C)2.D (III)(d).	2	GOR	
18.	Spilled or leaked waste and precipitation removed from secondary containment within 24 hours or as soon as possible - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(4).	2	GPT	
19.	Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3).	2	GPT	•
20. 🗆	Daily inspections of overfill/spill control equipment, aboveground portions of tank system, secondary containment, and data gathered from monitoring equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(a).	2	GPT	
21.	Inspection log maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(c).	2	GPT	
22. [Cathodic protection systems inspected annually, impressed current sources every two months - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(b).	2	GPT	
23. 🗆	Detailed written assessment by an independent, qualified, professional engineer for tanks installed after July 14, 1986, prepared and on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.192.	2	GPT	
24.	Written assessment by an independent, qualified, professional engineer prepared and on-site for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.191.	2	GPT	
25.	Leak test, internal inspection or tank integrity exam performed annually and documented, by an independent, qualified, professional engineer for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(i).	2	GPT	•
26.	Leak/spill response resulted in: waste flow stopped immediately; waste removal; containment and removal of visible releases to the environment; notification and report; and repair or closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.196.	2	GPT	

PART 2:	RECORDS	INSPECTION

E	M	ANIFESTS			
سعدر		Facility uses manifest system - 260.380.1(6) RSMo and 10 CSR 25-5.262(2)(B).	1	GMR	COMMENTS
2.	ਰ	Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a).	2	GRR	
3.	Ø	Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.20(a) as amended by 10 CSR 25-5.262(2)(B)1.	2	GOR	
40	0	Manifest document ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A.	2	GOR	
5.	Œ	Generator's name, address and phone number - 10 CSR 25-5.262(2)(B)1.	2	GMR	
6.		All transporters' names, phone numbers, MO & EPA i.D. #'s, license, plate # - 10 CSR 25-5.262(2)(B)1 and 2.	2	GMR	
7.		Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)1 and 2.	2	GMR	,
8.	e e	DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)1 and 2.	2	GMR.	
9.	d	Containers, quantity and specific gravity designated - 10 CSR 25-5.262(2)(B)1 and 2.	2	GMR	,
10.	₫	Manifest signed and dated - 10 CSR 25-5.262(2)(B)1.	2	GMR	
11.	, 2	Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A .	2	GOR	
12.	ਰ	Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1.	2	GOR	
13.	Q	Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C.	2	GRR	
14.		Manifest summary reports and manifest sent to DNR quarterly OR annually if one or no shipments are made - 10 CSR 25-5.262(2)(D)1.B. and 0 CSR 25-5.262(2)(D)1.E.	2	GOR	-> Summery report for 4th quarter 1999) Not submitted within 45 days of end of quarter.
G.	L	AND DISPOSAL RESTRICTIONS			
1.	Ø	Tests waste or uses knowledge of waste to determine if the waste is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a).	1	GLB	COMMENTS
2.	ර	Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a).	1	GLB	
	1	Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(b) (4) and (5).	2	GLB	
		ERSONNEL TRAINING			
1.	ß	Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(3).	2	GPT	COMMENTS
2.	ਰ	Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b).	2	GPT	
3/,	TX.	Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(c).	2	GPT	Permitted TSD - cited under 244 - 16(c)
4.	র্ত্র	Program director trained in hazardous waste management procedures - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4)	2	GPT	Barb Perry Conducts training. She receives at least 16 hrs of specific the training
		referencing 40 CFR 265.16(a)(2).		1	
5.	Ø	referencing 40 CFR 265.16(a)(2). Personnel training plan on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d).	2	GPT	each years

7. 🖸	Written description of introductory and continuing training that will be given to each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(3).	2	GPT	COMMENTS
8. 🗹	Documentation of training completed by personnel - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(4).	2	GPT	
9. 🗹	Records of current personnel maintained until facility closure, former employee records maintained for at least three years - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(e).	2	GPT	·
I C	ONTINGENCY PLAN	<i>L</i>	.]	
1. 🗷	Contingency plan maintained on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(a).	2	GPT	COMMENTS
2. 🗵	Plan submitted to local emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(b).	2	GPT	Itw contingency plan incorporated into Encility's SPCC plan.
3. 🗹	Emergency coordinator on-site or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.55.	2	GPT	1040 the little sies plans.
4. 🗹	Plan describes actions personnel must take in response to fires, explosions or other releases of hazardous waste - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(a).	2	GPT	. (
5. 🖸	Describes arrangements with emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(c).	2	GPT	,
6. ⊡	Lists names, addresses and phone numbers (home and office) of emergency coordinators - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d).	2	GPT	
7. 🗗	Primary emergency coordinator designated - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d).	2	GPT	
8. 🖼	List emergency equipment including description, location and capabilities - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(e).	2	GPT	and the second section of control of the control of
ا . سا				and the state of t
9. 🗹	Evacuation plan, if applicable, designates primary and secondary routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f).	2	GPT	
	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR	2	GPT	
J. U	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f).	2	GPT	COMMENTS
J. U	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nulsance - 10 CSR 25-11.279(2)(B)4.B.	2	GPT	COMMENTS
J. U	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nulsance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1).	1	GPT	
J. U 1. T	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nulsance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1)	1 2 2	GPT	COMMENTS 2 - 450 gellow tonks an west side of Bily 22 not labeled
J. U 1. 2 2. 2 3. 2	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nulsance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used"	1 2 2 2	GPT	
J. U 1. 2 2. 2 3. 2	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2).	1 2 2 2	GPT	
J. U 1. 2 2. 2 3. 2 4 5.4	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2). Containers/tanks which are exposed to rainfall are closed - 10 CSR 25-11.279(2)(C)6.	2 2 2	GPT	
J. U 1. ② 2. ② 3. ② 4 ① 5. 科	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2). Containers/tanks which are exposed to rainfall are closed - 10 CSR 25-11.279(2)(C)6. Clean up any spills or leaks of used oil - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(d).	2 2 2	GPT	
J. U 1. ① 2. ① 3. ② 5. 4 6. ① 7. ② 8. ②	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2). Containers/tanks which are exposed to rainfall are closed - 10 CSR 25-11.279(2)(C)6. Clean up any spills or leaks of used oil - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(d). Mixtures of used oil and hazardous waste are properly managed - 10	2 2 2 2	GPT →	
J. U 1. d 2. d 3. d 4	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2). Containers/tanks which are exposed to rainfall are closed - 10 CSR 25-11.279(2)(C)6. Clean up any spills or leaks of used oil - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(d). Mixtures of used oil and hazardous waste are properly managed - 10 CSR 25-11.279(2)(B)2. N-SITE BURNING	2 2 2 2	GPT →	
J. U 1. d 2. d 3. d 4	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are tabeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2). Containers/tanks which are exposed to rainfall are closed - 10 CSR 25-11.279(2)(C)6. Clean up any spills or leaks of used oil - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(d). Mixtures of used oil and hazardous waste are properly managed - 10 CSR 25-11.279(2)(B)2. N-SITE BURNING	2 2 2 2 2	GPT →	
J. U 1. 2 2. 2 3. 2 4. 3 6. 2 7. 2 8. 2 K. 0 1. 4	routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f). SED OIL STORAGE Used oil is managed properly and not disposed of into the environment or cause a public nuisance - 10 CSR 25-11.279(2)(B)4.B. Containers in good condition - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(1). Containers storing used oil are not leaking - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(b)(2). Containers/aboveground tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(1). Fill pipes used to transfer used oil into underground storage tanks are labeled or marked clearly "Used Oil" - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(c)(2). Containers/tanks which are exposed to rainfall are closed - 10 CSR 25-11.279(2)(C)6. Clean up any spills or leaks of used oil - 10 CSR 25-11.279(1) incorporating 40 CFR 279.22(d). Mixtures of used oil and hazardous waste are properly managed - 10 CSR 25-11.279(2)(B)2. N-SITE BURNING Burn only their own used oil or used oil from DIY'ers or exempt farmers - 10 CSR 25-11.279(1) incorporating 40 CFR 279.23(a). Burn only in space heaters with design capacity < .5 million BTU/hr - 10 CSR 25-11.279(1) incorporating 40 CFR 279.23(b). Combustion gases from the heater are vented to the ambient air - 10 CSR 25-11.279(1) incorporating 40 CFR 279.23(c).	2 2 2 2 2 2	GPT →	

L. (DFF-SITE SHIPMENTS TO APPROVED COLLECTION CENTERS			
	Used oil is transported by transporters who have obtained EPA identification numbers - 10 CSR 25-11.279(1) incorporating 40 CFR 279.24.	1		
(if no I	icensed transporter is used)		1	
2,42	Transports used oil in a vehicle owned by the generator or owned by an employee of the generator - 10 CSR 25-11.279(1) incorporating 40 CFR 279.24(a)(1).	2		
3. [Transports no more than 55 gallons of used oil at any time - 10 CSR 25-11.279(1) incorporating 40 CFR 279.24(a)(2).	2		
4. 🗆	Transports the used oil to a used oil collection center that is registered, licensed, permitted, or recognized by a state/county/municipal government to manage used oil - 10 CSR 25-11.279(1) incorporating 40 CFR 279.24(a)(3).	2		
OR]	
5.	Transports the used oil to an aggregation point that is owned and/or operated by the same generator - 10 CSR 25-11.279(1) incorporating 40 CFR 279.24(b)(3).	2		,
OR			1	
6.	Used oil is reclaimed under a contractual agreement (tolling arrangement) - 10 CSR 25-11.279(1) incorporating 40 CFR 279.24(c).	2	•	
	ESOURCE RECOVERY			
	RR certification for energy recovery or reclamation of hazardous waste on-site - 10 CSR 25-9.020(1)(A)3.	1	GOR	COMMENTS
2. 🖸	Still bottoms or RR residues disposed of properly - Section 260.380.1(7) RSMo.	1	GOR	Bldg a distillation vivit 13 currently inactive. May be used in the Future,
3. 🗹	7	2	GOR	used in the Future,
4. 🖸	Facility meets the operating conditions of certification - 10 CSR 25-9.020(3)(E)3.	2	GOR	
\$(0	Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E) 1 and 2.	2	GOR	Bidy SI perchloro ethylene steems stropping process shut downsh (This clue cited on TSO checklist)
6. 🗹	Facility report submitted to DNR quarterly - 10 CSR 25-9.020(3)(E) 6 referencing 10 CSR 25-7.264(2)(E)3.	2	GOR	(This also area and 150
7. 🗹	Facility maintains a written operating record - 10 CSR 25-9.020(3)(E) 5 referencing 40 CFR 264.73(b)(1) & (2) as modified by 10 CSR 25-7.264(2)(E)2.	2	GOR	•
8.42	Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.	2	GOR	·
9. 🗓	R2 facility uses an adequate sampling and analysis plan to assess incoming shipments - 10 CSR 25-9.020(3)(C)1.	2	GOR	
10.	R2 facility maintains a daily log of manifest number, wastes received, disposition of waste and corresponding sampling data - 10 CSR 25-9.020(3)(C)2.	2	GOR	·
11.	R2 facility has a written closure plan which meets 40 CFR 264.112 requirements - 10 CSR 25-9.020(3)(C)3 referencing 10 CSR 25-7.264(2)(G).	2	GOR	
12. []	9.020(3)(C)4.	2	GOR	
CHEC	KLIST KEY			
Chack	the 🚺 if in compliance.			
1	he if not in compliance and provide comment.			
1	Not Applicable.			
1				
l l	emphasized by a black line on the left is a serious deviation from the require			•
MO 780.15	mphasized item is a significant deviation from the requirements (Class II violated to the control of the contro	ition u	niess c	conditions warrant Class I)

CON	MENTS: INCLUDE D	SCUSSION	OF FACILITY'S W	ASTE MINIMIZAT	ION PLAN			r
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			9		· 1 _			
			Puchded	in my He	n report			
			·					
	•	-				•		
						•		
Chec	k all Potential Multi-	Media Viola	tions and Impact	s (specify and c	comment below if possible	e)	·	
	Fugitive Dust	APC			·	PDW		
	Particulate		☐ Asbesto	s	Taste & Odors Bacteria		☐ Color ☐ Flow	
	Burning Other		☐ Toxics	<i>*</i>	Pressure Other		☐ Toxics	
		SWM				HW		
	Open Dumps Littering		☐ SLF ☐ Other		☐ Transportation☐ PCBs		USTs/LUSTs	
	Waste Tire Dump		LI Oulei		☐ PCBs		Other	
				w	· /PC			
<u> </u>					Sawdust		Ground Water	
	Bypassing Treatment Plant Oper.				Sludge Single Family		☐ Storm Water ☐ Other	
COM	IMENTS:						CJ Other	
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INSPE	CTOR'S SIGNATURE	71	Je J Ju)		DATE	· · · · · · · · · · · · · · · · · · ·	

I OG PAGE R OF R

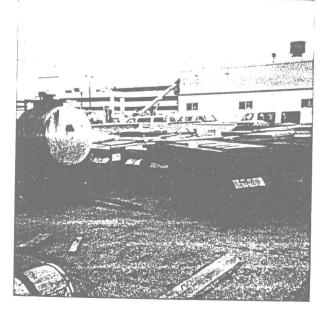
ATTACHMENT 11



a yed 3 domps to storage area on east site of Bldg. a.

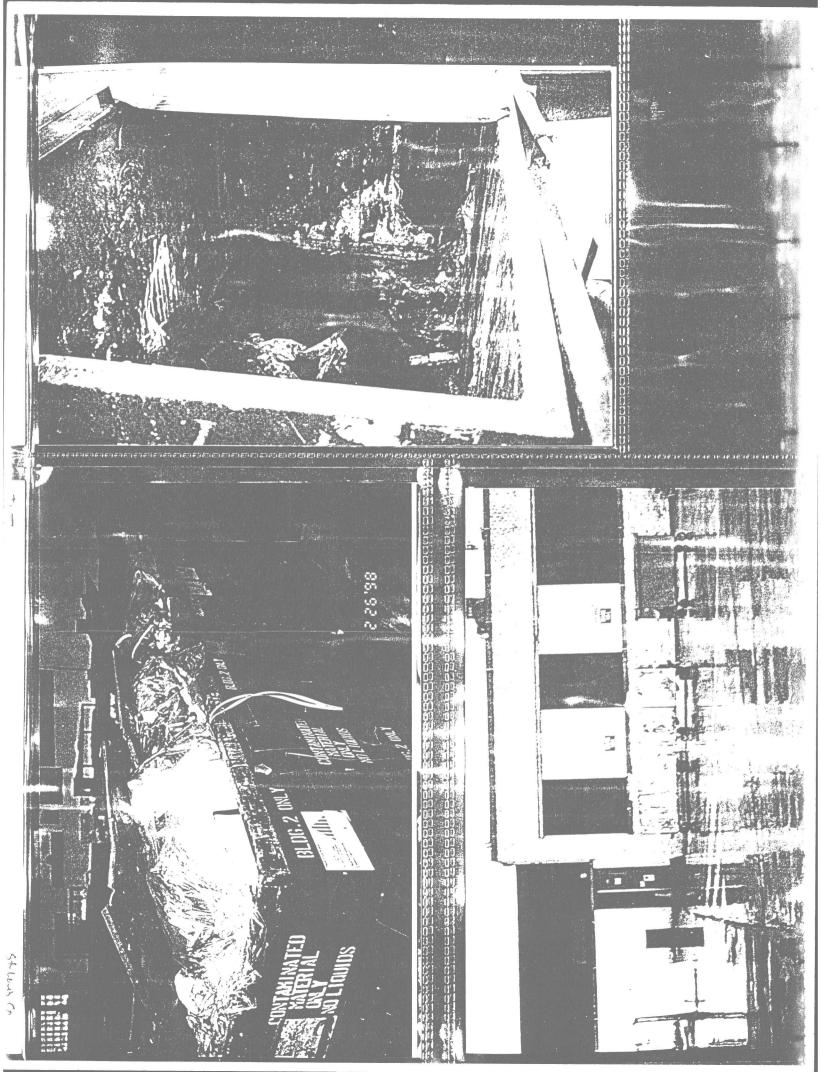


JLT/monis in Donnett Dauples Corp 3-2-98



a yrd 3 dampster storage area on west side of Bidy. 39

Sticis Co MONIS McDonnell Dolylus-Tract I 2-26-98 Sump in consider section of Bldg 27 permitted storage area. St. Lo., E TUT 2-26-98 POLAROIC® 5 V 1147490022661 MONTH. ςi,



2 yrd 3 HW dumpster Near Bldg 2. 290 day storage area, - dumpster evas net in vise

81-98-B

86-98-r

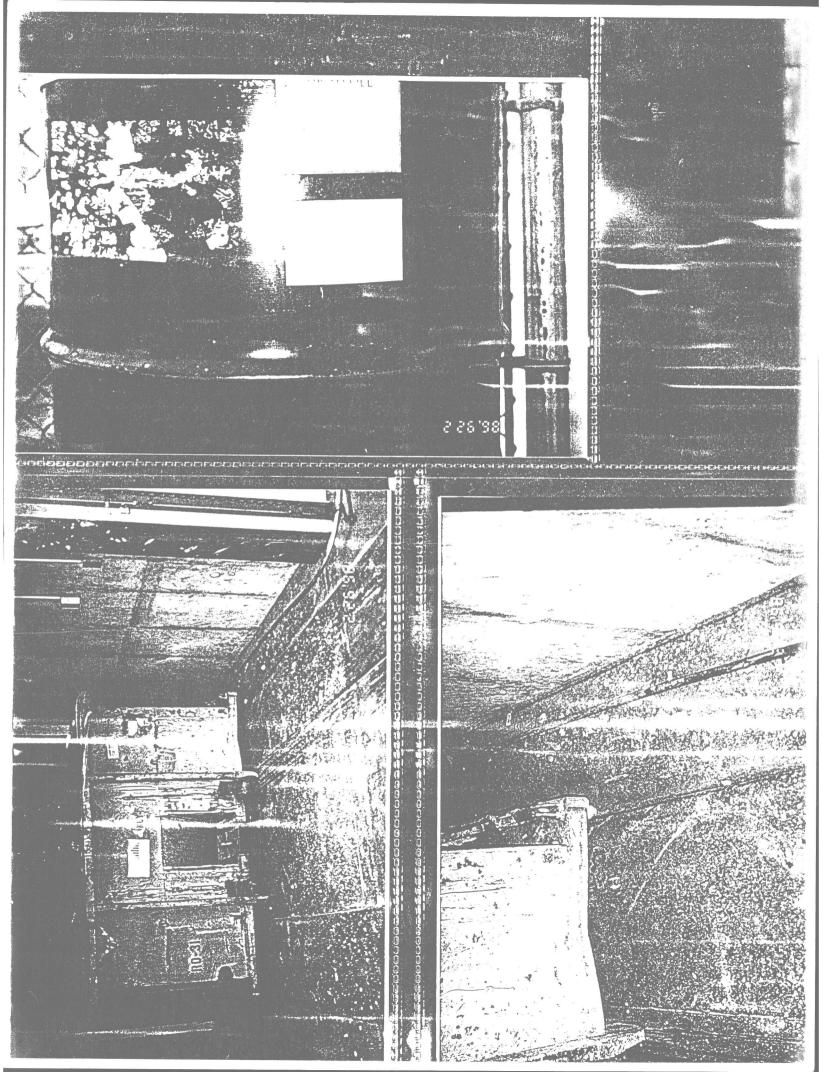
Blay, 2 Paint mix room.

mediamil Douglas -

2 yrd3 HW dungskis near bldg. 2

Mannell Devyles -

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Drum of weste sodium by draxide (empty) at Bidy 14 waskwater treatment plant.

31-72-8 MONES

Bidy 14 studye Roll-off

Spilled filter cake reat to Bildy 14
Rougepon Studye Rollieff

Milliani Bujas

Medianil Desplus

2-18 g-18